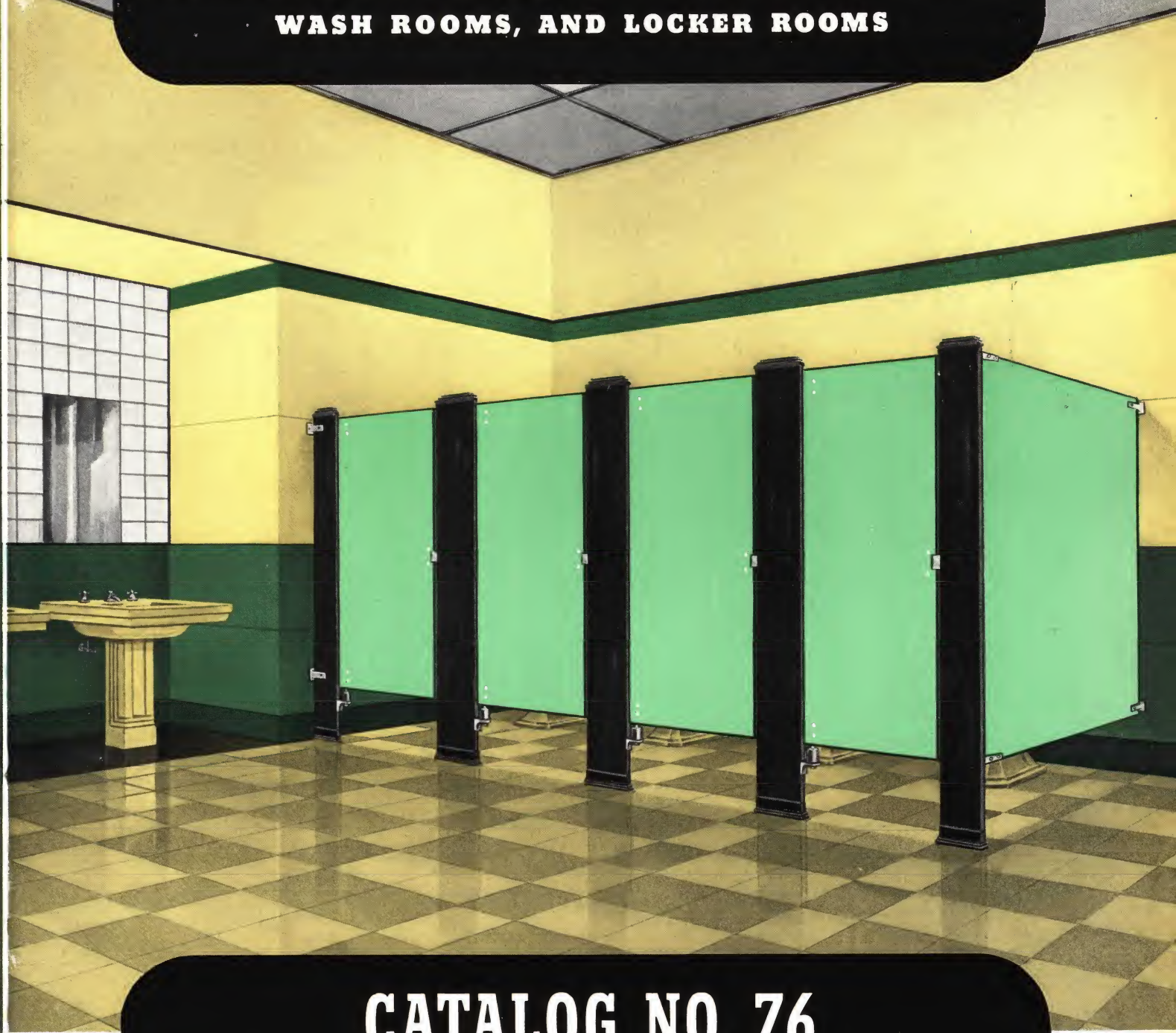


Sanymetal

TOILET ROOM ENVIRONMENTS

PARTITIONS FOR TOILET ROOMS, SHOWER ROOMS,
WASH ROOMS, AND LOCKER ROOMS



CATALOG NO. 76

THE SANYMETAL PRODUCTS CO., INC.

1701 URBANA RD.



CLEVELAND, OHIO

Sanymetal "PORCENA" Embassy TOILET PARTITIONS

★ ALSO AVAILABLE IN BAKED-ON PAINT ENAMEL FINISHES ★

● Perhaps, you too have long wanted to lift toilet room environments, in the buildings you create, to a plane in harmony with other modern exterior and interior appointments. An appropriate combination of beauty and utility is now realizable in the creation of toilet room environments by the use of Sanymetal Porcena Embassy Toilet Partitions. Outstanding among the new decorative and serviceable materials is porcelain enamelled metal, out of which these partitions are fabricated. It is a material that always stays new.

Porcena Embassy Toilet Partitions possess, in a noteworthy degree, good taste happily united with the artistic—quietly evidenced in classic lines—that good taste which bestows distinction. And good taste completely fortified by sound mechanical construction—so sound that rigidity and permanence in the original sense of these terms are fully realized.

Unusual Features of Construction

This design embodies unusual features of construction made necessary by the elimination of posts and headrails. Engineering resourcefulness and mechanical skill, born of over twenty years' experience in making well over 40,000 installations, is evidenced in the design and construction of pilasters and the manner of fastening them to the floor so that permanent rigidity is obtained. Basically, a Porcena Embassy Installation consists of just three units: Pilasters (flush front), Partitions and Doors (flush type, fully insulated); a simple and rigid construction.

Pilasters Give Distinction

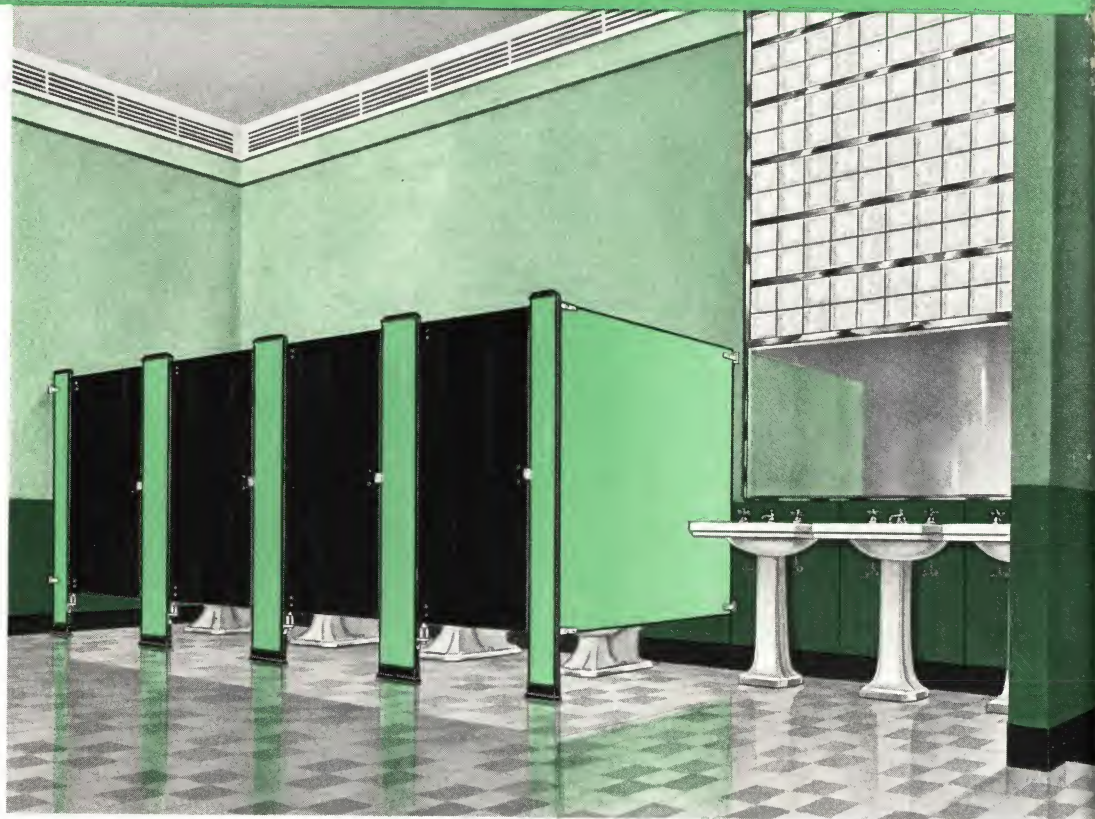
Pilasters are flush type insulated panels, $1\frac{5}{16}$ inches thick, porcelain enamelled on both sides. They present a flat, smooth surface on both sides that is easy to keep clean. The method of fastening Pilasters to the floor is an exclusive Sanymetal construction feature. This type of installation requires properly constructed floors to support it. If floor composition is not sufficiently strong for adequate anchorage, inserts should be used. Consult Sanymetal Representative for suggestions.

Pilasters are secured to floor with bolt rod fasteners which extend vertically the full height of the Pilasters. These bolt rod fasteners with the reinforcing core add structural strength and insure that each Pilaster shall be maintained in true perpendicular position at all times. Furthermore, this construction provides a rigidity to withstand the most abusive treatment arising from heavy swinging doors. Vertical bolt rod fasteners afford means for easy adjustment, should settling or change in structure of building or excessive strain require it. They also permit the whole installation to be easily dismantled without injury to Pilasters, if it should ever become necessary to relocate this equipment.

Study detail of Porcena Embassy construction shown at top of Page 3.

Ageless Materials Require No Replacement

Porcena Embassy Partitions are made of two sheets of porcelain enamelled steel, pan formed and porcelain enamelled on both sides,



then assembled over and cemented under pressure to a $\frac{7}{8}$ inch thick rigid fiber core. Strike a solid wall and you get a dull thud. Strike a Porcena Embassy Partition and you will get the same identical dull thud, indicating the suitability of these panels to displace less substantial structural materials.

Porcena Embassy Toilet Partitions may be installed with Doors finished in porcelain enamel in colors contrasting appropriately with the colors of the Pilasters and the Partitions. Porcelain Enamelled Doors are constructed of the same kind of materials and in the same manner as Porcelain Enamelled Partitions. With Porcelain Enamelled Doors, a complete porcelain enamelled installation is obtained, which provides the utmost in utility, permanence, sanitation and neat appearance. However, where economies must be effected, installations of Porcena Embassy Toilet Partitions are completed with Flush Type Doors fully insulated with sound deadening fiber core and finished in plain baked-on paint enamel in a color which contrasts appropriately with the colors on Pilasters and Partitions.

★ ★ ★

Also Available with Plain Baked-On Paint Enamel Finishes Throughout

The good taste and mechanical features of construction embodied in Sanymetal Embassy Toilet Partitions is not denied to those who must, in the practice of economy, utilize the slightly less enduring, but none the less beautiful and useful, Embassy Toilet Partitions with baked-on paint enamel finishes throughout. Consult with Sanymetal Representative or write direct to factory for baked-on paint enamel color suggestions for Pilasters, Partitions and Doors.

Hardware illustrated on Page 15. Specifications on Page 3.

SPECIFICATIONS

SANYMETAL "PORCENA"

Embassy TOILET PARTITIONS

Note: Illustration and description of features of Sanymetal Porcena Embassy Toilet Partitions on Page 2.

(1) All Toilet Partitions and Doors shall be Flush Type Porcena Embassy without posts or headrail as manufactured by The Sanymetal Products Co., Inc., Cleveland, Ohio.

(2) **Doors and Partitions:** Doors and Partitions shall be 1 inch thick made of two sheets of No. 16 gauge porcelain enamelling sheet steel, pan formed, assembled over and cemented under pressure to a $\frac{1}{8}$ inch thick rigid sound deadening fiber core. Edges are to be folded so as to form continuous sealed and locked seams by means of outside oval shaped binding strips. Binding strips to be not lighter than No. 20 gauge galvanized steel finished with three coats of blacked japan. Partitions and Doors to be vitreous porcelain enamelled with one ground coat on all interior and exterior surfaces, and two additional layers of color and finish coats of vitreous porcelain on exterior surfaces, with black border along all edges. Partitions and Doors shall be made in dimensions and sizes shown on drawings.

(3) **Pilasters:** Pilasters shall be made 1 $\frac{5}{16}$ inches thick of two sheets of porcelain enamelling sheet steel, same gauge and finish as specified for Partitions and Doors. Pilasters shall have welded reinforcements of galvanized steel. Pilasters, when set in place, shall be securely anchored to floor with steel bolt rod fasteners threaded into floor base structure, and extending vertically full height of Pilaster. Base of Pilaster shall be concealed by black porcelain enamelled steel plinth which also serves as mop moulding. Top cap of Pilaster shall be steel, black porcelain enamelled. Pilasters shall be made to manufacturer's standard dimensions; compartment width variations to be taken care of by varying the width of door openings.

(4) **Door Hardware:** Doors shall be equipped with brass chrome plated gravity hinges with concealed ball bearing rollers. Hinges are to be adjustable for holding door in open position when not latched. Each door shall be equipped with one cast brass chrome plated coat hook and rubber tipped bumper; one die cast chrome plated slide bar latch and, for each door, one heavy cast brass chrome plated combination door stop and latch keeper to be securely attached to Pilaster at point opposite slide bar latch on door.

(5) **Finish:** All metal to be vitreous porcelain enamelled in standard pastel shade of color selected.



SPECIFICATIONS

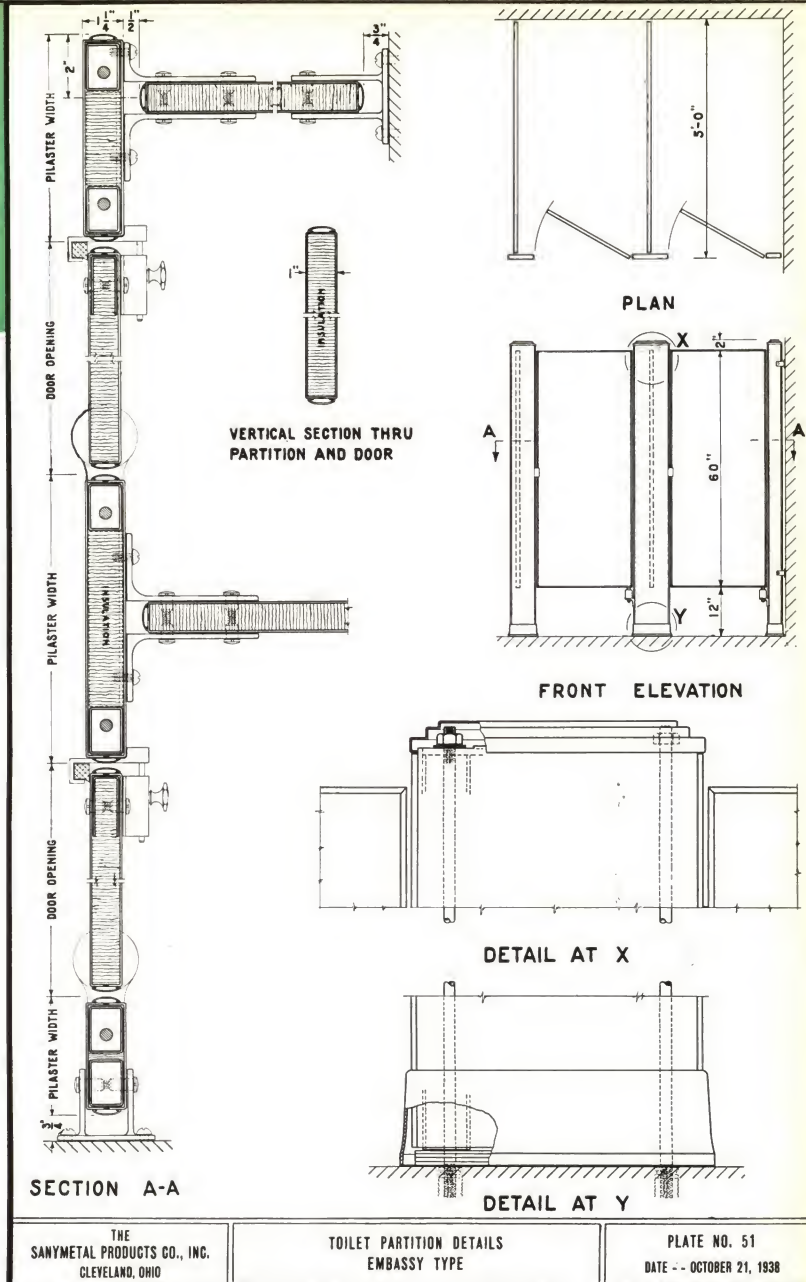
Embassy BAKED-ON PAINT

ENAMEL FINISH TOILET PARTITIONS

Note: Due to limited space, please refer to the numbered paragraph in Porcena Embassy Specifications when preparing complete specifications for Baked-On Paint Enamel Finish Partitions.

(1A) Use paragraph one as written except omit Porcena.

(2A) Doors and Partitions: Doors and Partitions shall be 1 inch thick made of two sheets of No. 20 gauge full cold rolled stretcher leveled full finished steel, assembled over and cemented under pressure to a 7/8 inch thick sound deadening fiber core. The two face plates on Doors and Partitions shall have formed edges and shall be sealed together with continuous drawn oval locking strips; interlocking strips on



Doors and Partitions mitred and welded at all corners. Partitions and Doors shall be made in dimensions and sizes shown on drawings.

(3A) Pilasters: Pilasters shall be 1 1/4 inches thick of two sheets of steel, same gauge and finish as specified for Partitions and Doors. Pilasters shall have welded reinforcements of galvanized steel. Interlocking strips on Pilasters mitred and welded at all corners. Pilasters, when set in place, shall be securely anchored to floor with steel bolt rod fasteners threaded into floor base structure, and extending vertically full height of Pilaster. Base of Pilaster and floor anchorage shall be concealed and protected by 3 inch high brass chrome plated plinth, which also serves as mop moulding. Top cap of Pilaster shall be pressed steel. Pilasters shall be made to manufacturer's standard dimensions; compartment width variations to be taken care of by varying the width of door openings.

(4A) Door Hardware: Doors shall be equipped with brass chrome plated gravity hinges with concealed ball bearing rollers. Hinges are to be adjustable for holding door in open position when not latched. Each door shall be equipped with one cast brass chrome plated coat hook and rubber tipped bumper; one die cast chrome plated slide bar latch and, for each door, one heavy cast brass chrome plated combination door stop and latch keeper to be securely attached to Pilaster at point opposite slide bar latch on door.

(5A) Finish: All metal to be thoroughly sanded, washed with benzine, filled and primed inside and out with sublimed blue lead baked on and two additional coats of paint enamel, each coat sprayed on and baked on separately.

Hardware illustrated on Page 15.

Sanymetal "PORCENA" Normandie TOILET PARTITIONS

★ ALSO AVAILABLE IN BAKED-ON PAINT ENAMEL FINISHES ★



A streamline effect is moderately imparted to a toilet room environment when Porcena Normandie Toilet Partitions are installed. Streamline design, wedded to utility, fulfills all requirements, because unadorned utility no longer satisfies a luxury loving public accustomed to bathrooms embodying varying degrees of modernity and elegance. Porcena Normandie Toilet Partitions present an appropriate use of a material that is glass-hard and fadeless — a new material that always stays new — Porcelain Enamel.

Sound Mechanical Construction Assures Rigidity

Through skillful Pilaster design and construction and manner of fastening Pilasters to the floor, a degree of rigidity is obtained that is fixed and permanent. Basically, a Porcena Normandie Toilet Partition Installation consists of just three units: Pilasters (flush front), Partitions and Doors (flush type, fully insulated); a simple, mechanically correct construction.

Pilasters Give Streamline Effect

Pilaster tops on the same horizontal plane as the tops of Partitions and Doors, give the true streamline effect. Pilasters are flush type insulated panels, $1\frac{5}{16}$ inches thick, porcelain enamelled on both sides. Pilasters are anchored to floor in a manner that provides the maximum rigidity. The base structure to which the Pilaster is fastened has a welded reinforced crossbar ($\frac{1}{2}$ inch by $\frac{7}{8}$ inch) floor anchorage support the full width of the Pilaster, which provides for jack screw leveling and anchoring the Pilaster to the floor. The base of the Pilaster is concealed and protected by a brass chrome plated plinth, 3 inches high, which also serves for mop moulding.

Study detail of Porcena Normandie construction shown on Page 5.

A Glass-Hard, Fadeless Material That Always Looks New

Porcena Normandie Partitions are made of two sheets of porcelain enamelling steel, pan formed and porcelain enamelled on both sides, then assembled over, and cemented under pressure to a $\frac{7}{8}$ inch thick rigid fiber core. Porcena Normandie Toilet Partitions may be installed with Doors finished in porcelain enamel in colors contrasting appropriately with the colors of the Pilasters and Partitions. Porcelain Enamelled Doors are constructed of the same kind of materials and in the same manner as Porcelain Enamelled Partitions.

Where economies must be effected, installations of Porcena Normandie Toilet Partitions are completed with Flush Type Doors fully insulated with sound deadening fiber core and finished in plain baked-on paint enamel in a color which contrasts appropriately with the colors on the Pilasters and Partitions. Flush Type Doors are hung so that tops are flush with tops of Pilasters and Partitions.

★ ★ ★

Also Available in Plain Baked-On Paint Enamel Finishes Throughout

The streamline effect and sound mechanical construction afforded by Sanymetal Normandie Toilet Partitions are available with baked-on paint enamel finishes throughout. Such an installation is practical wherever it is necessary to economize. Consult with Sanymetal Representative or write direct to factory for baked-on paint enamel color suggestions for Pilasters, Partitions and Doors.

Hardware illustrated on Page 15. Specifications on Page 5.



SPECIFICATIONS

SANYMETAL "PORCENA"

Normandie TOILET PARTITIONS

Note: Illustration and description of features of Sanymetal Porcena Normandie Toilet Partitions on Page 4.

(1) All metal partitions and doors for toilet, shower and dressing room compartments shall be Flush Type Porcena Normandie, as manufactured by The Sanymetal Products Co., Inc., Cleveland, Ohio. Top of Pilaster and top edge of door shall be on same horizontal plane.

(2) **Doors and Partitions:** Doors and Partitions shall be 1 inch thick made of two sheets of No. 16 gauge porcelain enamelling sheet steel, pan formed, assembled over and cemented under pressure to a $\frac{7}{8}$ inch thick rigid sound deadening fiber core. Edges are to be folded so as to form continuous sealed and locked seams by means of outside oval shaped binding strips. Binding strips to be not lighter than No. 20 gauge galvanized steel finished with three coats of blacked japan. Partitions and Doors to be vitreous porcelain enamelled with one ground coat on all interior and exterior surfaces, and two additional layers of color and finish coats of vitreous porcelain on exterior surfaces, with black border along all edges. Partitions and Doors to be made in dimensions and sizes shown on drawings.

(3) **Pilasters:** Pilasters shall be made $1\frac{5}{16}$ inches thick of two sheets of porcelain enamelling sheet steel, same gauge and finish as specified for Partitions and Doors. Pilasters, when set in place, shall be securely anchored to floor. Base structure shall have welded reinforced crossbar ($\frac{1}{2}$ inch by $\frac{7}{8}$ inch) floor anchorage support the full width of Pilaster for jack screw leveling and anchoring to floor. Base of Pilaster and floor anchorage shall be concealed and protected by 3 inch high brass chrome plated plinth which also serves as mop moulding. Pilasters shall be made to manufacturer's standard dimensions; compartment width variations to be taken care of by varying the width of door openings.

(4) **Door Hardware:** Doors shall be equipped with brass chrome plated gravity hinges with concealed ball bearing rollers. Hinges are to be adjustable for holding door in open position when not latched. Each door shall be equipped with one cast brass chrome plated coat hook and rubber tipped bumper; one die cast chrome plated slide bar latch and, for each door, one heavy cast brass chrome plated combination door stop and latch keeper to be securely attached to Pilasters at point opposite slide bar latch on door.

(5) **Finish:** All metal to be vitreous porcelain enamelled in standard pastel shade of color selected.



SPECIFICATIONS

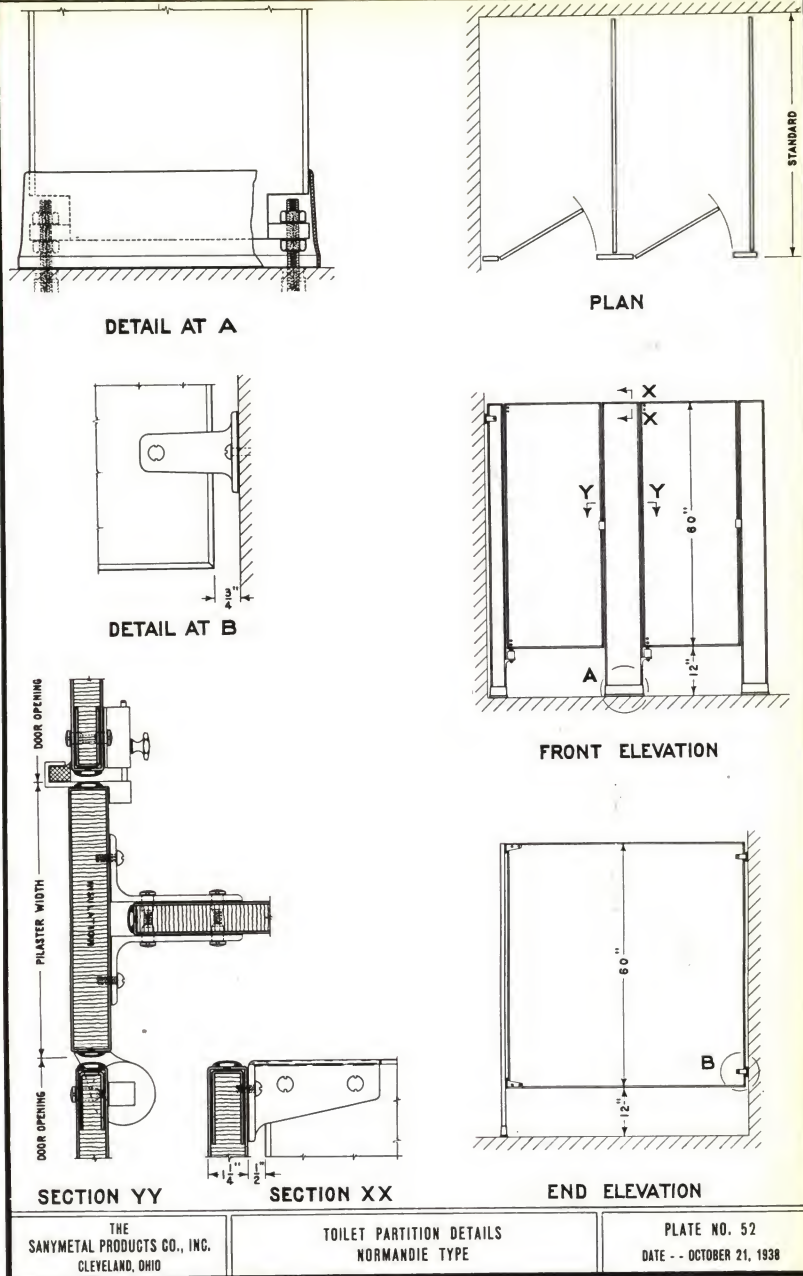
Normandie BAKED-ON PAINT

ENAMEL FINISH TOILET PARTITIONS

Note: Due to limited space, please refer to the numbered paragraph in Porcena Normandie Specifications when preparing complete specifications for Baked-On Paint Enamel Finish Partitions.

(1A) Use paragraph one as written except omit Porcena.

(2A) **Doors and Partitions:** Doors and Partitions shall be 1 inch thick made of two sheets of No. 20 gauge full cold rolled stretcher leveled full finished steel, assembled over and cemented under pressure to a $\frac{7}{8}$ inch thick sound deadening fiber core. The two face plates on Doors and Partitions shall have formed edges and shall be sealed together with continuous drawn oval locking strips; interlocking strips on



Doors and Partitions mitred and welded at all corners. Partitions and Doors shall be made in dimensions and sizes shown on drawings.

(3A) **Pilasters:** Pilasters shall be $1\frac{1}{4}$ inches thick of two sheets of steel, same gauge and finish as specified for Partitions and Doors. Pilasters shall have welded reinforcements of galvanized steel. Interlocking strips on Pilasters mitred and welded at all corners. Pilasters, when set in place, shall be securely anchored to floor. Base structure of Pilasters shall have welded reinforced crossbar ($\frac{1}{2}$ inch by $\frac{7}{8}$ inch) floor anchorage support the full width of Pilaster for jack screw leveling and anchoring to floor. Base of Pilaster and floor anchorage shall be concealed and protected by 3 inch high brass chrome plated plinth which also serves as mop moulding. Pilasters shall be made to manufacturer's standard dimensions; compartment width variations to be taken care of by varying the width of door openings.

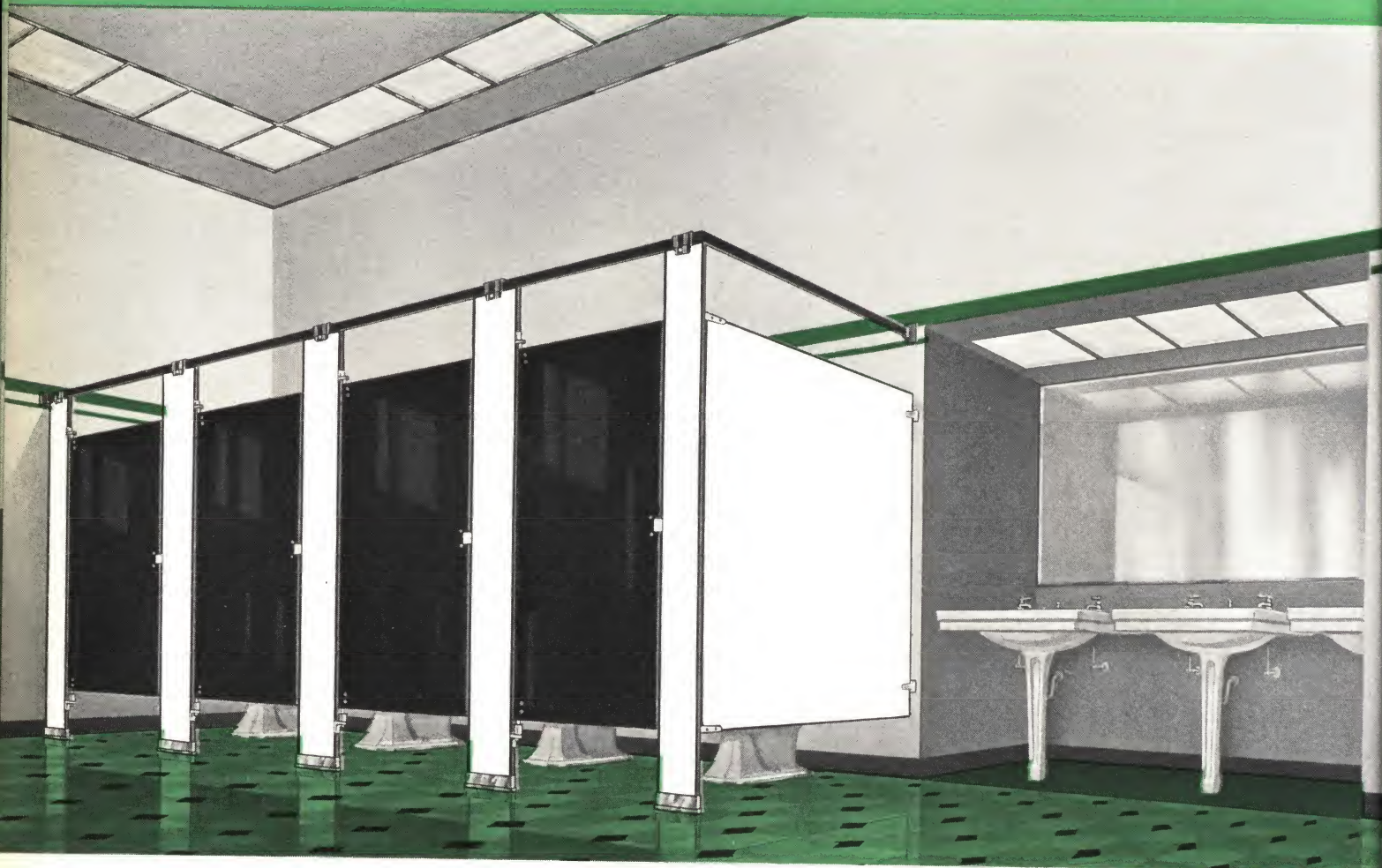
(4A) **Door Hardware:** Doors shall be equipped with brass chrome plated gravity hinges with steel ball bearing rollers. Hinges are to be adjustable for holding door in open position when not latched. Each door shall be equipped with one cast brass chrome plated coat hook and rubber tipped bumper; one die cast chrome plated slide bar latch and, for each door, one heavy cast brass chrome plated combination door stop and latch keeper to be securely attached to Pilaster at point opposite slide bar latch on door.

(5A) **Finish:** All metal to be thoroughly sanded, washed with benzine, filled and primed inside and out with sublimed blue lead baked on and two additional coats of paint enamel, each coat sprayed on and baked on separately.

Hardware illustrated on Page 15.

Sanymetal "PORCENA" Academy TOILET PARTITIONS

★ ALSO AVAILABLE IN BAKED-ON PAINT ENAMEL FINISHES ★



There's a certain distinctiveness about an installation of Porcena Academy Toilet Partitions with Flush Pilasters extending well above the doors and partitions and united with an overhead brace of modern design. In this instance, the headrail has been utilized as much for the artistic effect it creates as for fortifying the installation structurally. This type of partition is offered for the reason that all floors are not suitable for self-supporting partitions. Furthermore, this type is more economical and provides the strongest and most permanent installation to withstand rough usage.

Four Basic Units

Basically, a Porcena Academy Installation consists of just four units: Pilasters (flush front), Partitions and Doors (flush type, fully insulated) and headrail assembly — a strong, sound construction throughout.

Pilasters Displace Posts

Pilasters, replacing posts and extending well above the Doors and Partitions, are flush type insulated panels $1\frac{5}{16}$ inches thick, porcelain enamelled on both sides. They present a flat smooth surface on both sides that is easy to clean. Pilasters are anchored to floor with two expansion screws and concealed by brass chromium plated plinth.

Porcena Academy Partitions are made of two sheets of No. 16 Gauge porcelain enamelling steel, pan formed and porcelain enamelled on both sides, then assembled over and cemented under pressure to a $\frac{7}{8}$ inch thick rigid fiber core.

A Choice of Doors

Porcena Academy Toilet Partitions may be installed with doors finished in porcelain enamel in colors contrasting appropriately with the colors on the Pilasters and the Partitions. Porcelain Enamelled Doors are constructed of the same kind of materials and in the same manner as the Porcelain Enamelled Partitions. Installations of Porcena Academy Toilet Partitions can be effected, and quite satisfactorily so, with Flush Type Doors, fully insulated with sound deadening fiber core and finished in plain baked-on paint enamel in a color which contrasts appropriately with the color on the Pilasters and Partitions. Such doors are less costly than Porcelain Enamelled Doors.

Headrail Bracing Gives Finishing Touch

Partitions and Pilasters, when set in place, are securely joined together with 1 inch by $1\frac{1}{2}$ inch brass electroplated tubular overhead bracing attached to tops of Pilasters with brass chromium plated head castings bolted to the Pilasters. This gives rigidity to the entire installation and adds a touch of smartness to it.

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Also Available with Baked-On Paint Enamel Finishes Throughout

For those to whom the ageless material, porcelain enamel, may be a bit too costly, Sanymetal Academy Toilet Partitions are available with baked-on paint enamel finishes throughout. Consult with Sanymetal Representative or write direct to factory for baked-on enamel color suggestions for Pilasters, Doors and Partitions.

Hardware illustrated on Page 15. Specifications on Page 7.



SPECIFICATIONS

SANYMETAL "PORCENA"

Academy TOILET PARTITIONS

Note: Illustration and description of features of Sanymetal Porcena Academy Toilet Partitions on Page 6.

(1) All metal partitions and doors for toilet, shower and dressing room compartments shall be Flush Type Porcena Academy as manufactured by The Sanymetal Products Co., Inc., Cleveland, Ohio.

(2) **Doors and Partitions:** Doors and Partitions shall be 1 inch thick made of two sheets of No. 16 gauge porcelain enamelling sheet steel, pan formed, assembled over and cemented under pressure to a $\frac{7}{8}$ inch thick rigid sound deadening fiber core. Edges are to be folded so as to form continuous sealed and locked seams by means of outside oval shaped binding strips. Binding strips to be not lighter than No. 20 gauge galvanized steel finished with three coats of blacked japan. Partitions and Doors to be vitreous porcelain enamelled with one ground coat on all interior and exterior surfaces, and two additional layers of color and finish coats of vitreous porcelain on exterior surfaces, with black border along all edges. Partitions and Doors to be made in dimensions and sizes shown on drawings.

Architects Note: Considerable saving in cost can be effected by using standard flush type doors with baked-on enamel finish. (Refer to paragraph 6A — this page.)

(3) **Pilasters:** Pilasters shall be made $1\frac{5}{16}$ inches thick of two sheets of porcelain enamelling sheet steel, same gauge and finish as specified for Partitions. Height of Pilaster to extend from floor to headrail as shown on drawings. Pilasters, when set in place, shall be anchored to floor with two expansion screws. Base of Pilaster and floor anchorage shall be concealed by 3 inch high brass chrome plated plinth which also serves as mop moulding. Pilasters shall be made to manufacturer's standard dimensions; compartment width variations to be taken care of by varying the width of door openings.

(4) **Headrail:** Partitions and Pilasters, when set in place, shall be securely braced with continuous 1 inch by $1\frac{1}{2}$ inch No. 18 gauge brass electroplated tubular overhead bracing attached to top of Pilasters with brass chrome plated head castings bolted through the Pilasters.

(5) **Door Hardware:** Doors shall be equipped with brass chrome plated gravity hinges with concealed ball bearing rollers. Hinges are to be adjustable for holding door in open position when not latched. Each door shall be equipped with one cast brass chrome plated coat hook and rubber tipped bumper; one die cast chrome plated slide bar latch and, for each door, one heavy cast brass chrome plated combination door stop and latch keeper to be securely attached to Pilasters at point opposite slide bar latch on door.

(6) **Finish:** All metal to be vitreous porcelain enamelled in standard pastel shade of color selected.

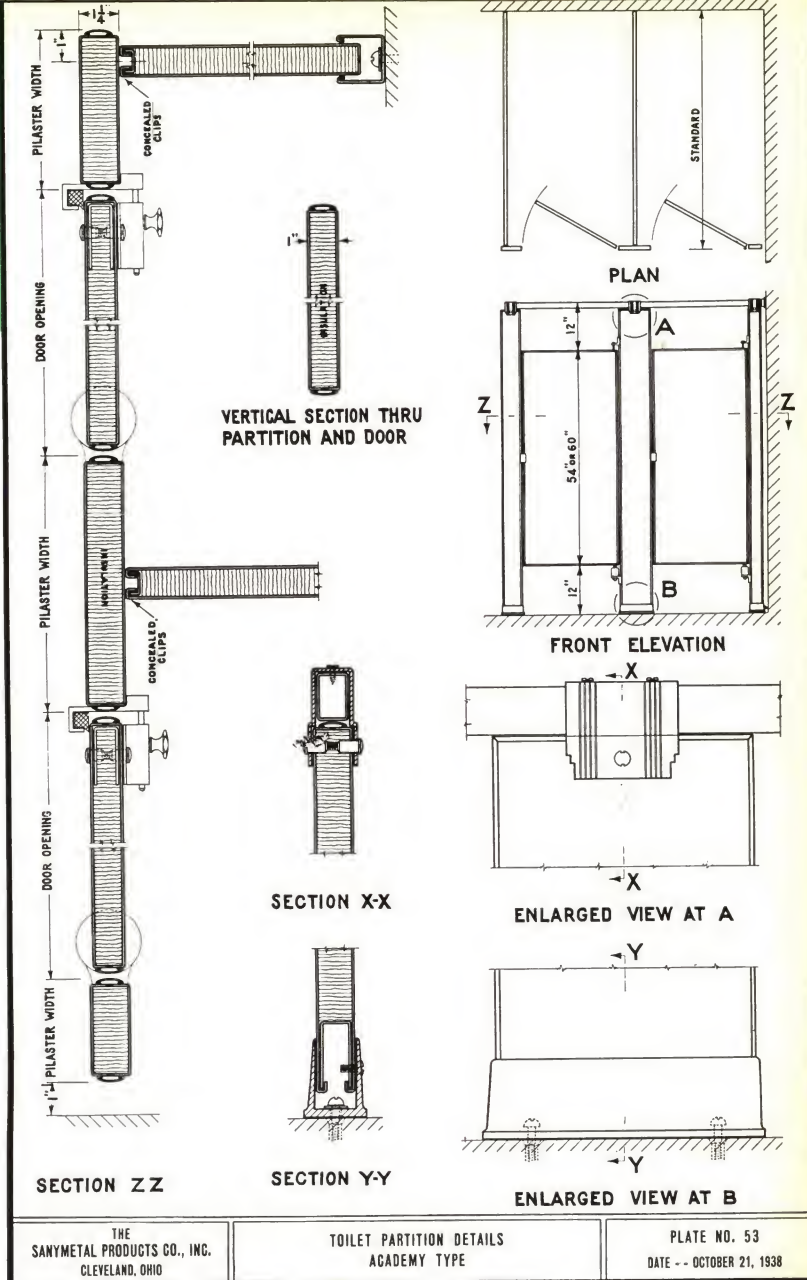
SPECIFICATIONS

Academy TYPE BAKED-ON PAINT ENAMEL FINISH TOILET PARTITIONS

Due to limited space, please refer to the numbered paragraph in Porcena Academy Specifications when preparing complete specifications for Baked-On Paint Enamel Finish Partitions.

(1A) Use paragraph one as written except omit Porcena.

(2A) **Doors and Partitions:** Doors and Partitions shall be 1 inch thick of two sheets of No. 20 gauge full cold rolled stretcher leveled full finish steel, assembled over and cemented under pressure to a $\frac{7}{8}$ inch thick sound deadening fiber core. The two face plates on Doors and Partitions shall have formed edges and shall be sealed together with continuous drawn oval locking strips; interlocking strips on Doors and Partitions mitted and welded at all corners.



(3A) **Pilasters:** Pilasters shall be $1\frac{1}{4}$ inches thick of two sheets of steel same gauge and finish as specified for Partitions and Doors. Height of Pilaster to extend from floor to headrail as shown on drawings. Pilasters shall have welded reinforcements as shown. Interlocking strips on Pilasters mitted and welded at all corners. Pilasters, when set in place, shall be anchored to floor with two expansion screws. Base of Pilaster and floor anchorage shall be concealed by 3 inch high brass chrome plated plinth which also serves for mop moulding. Pilasters shall be made to manufacturer's standard dimensions; compartment width variations to be taken care of by varying width of door openings.

(4A) **Headrail:** Partitions and Pilasters, when set in place, shall be securely braced with continuous 1 inch by $1\frac{1}{2}$ inch No. 20 gauge tubular steel overhead bracing, attached to top of Pilasters with iron head fittings bolted through the Pilasters and finished in baked-on paint enamel.

(5A) **Door Hardware:** Doors shall be equipped with brass chrome plated gravity hinges with concealed ball bearing rollers. Hinges are to be adjustable for holding door in open position when not latched. Each door shall be equipped with one cast brass chrome plated coat hook and rubber tipped bumper; one die cast chrome plated slide bar latch and, for each door, one heavy cast brass chrome plated combination door stop and latch keeper to be securely attached to Pilasters at point opposite slide bar latch on door.

(6A) **Finish:** All metal to be thoroughly sanded, washed with benzine, filled and primed inside and out with sublimed blue lead baked on and two additional coats of paint enamel, each coat sprayed on and baked on separately.

Hardware illustrated on Page 15.

Sanymetal

'PORCENA' SHOWER STALL INSTALLATIONS

ARE SANITARY, ENDURING AND NEAT APPEARING

The suitability of Porcena Partitions for building shower installations for every purpose has been conclusively demonstrated by such installations as are pictured on this page.

Shower stall installations, with or without dressing rooms, when built of Porcena Partitions, encourage those who use these facilities to cooperate in keeping them orderly and neat. The hard, flint-like surface of Porcena Partitions does not absorb heavy odors. The residue of shower bathing that would ordinarily adhere to the surface of partitions does not adhere to the smooth, glistening porcelain enamel surfaces of these panels. With as little effort as it takes to keep the porcelain surfaces of household appliances sweet and clean, these Porcena Partitions can be kept strictly sanitary.

These features make them adaptable for shower stall installations in gymnasiums, country clubs, men's clubs, Y. M. C. A.'s, industrial plants and many other locations. Installations in clubs and other locations usually consist of shower stalls and dressing rooms, while installations in gymnasiums, Y. M. C. A.'s, schools, industrial plants, etc., usually consist of stalls as pictured in the lower illustration on this page.

Refer to Pages 3, 5, and 7 for specifications on Porcena Partitions or consult with Sanymetal Representative in your vicinity.

Flush Type Stainless Steel Shower Stall Installations Give a Good Measure of Sanitary Service

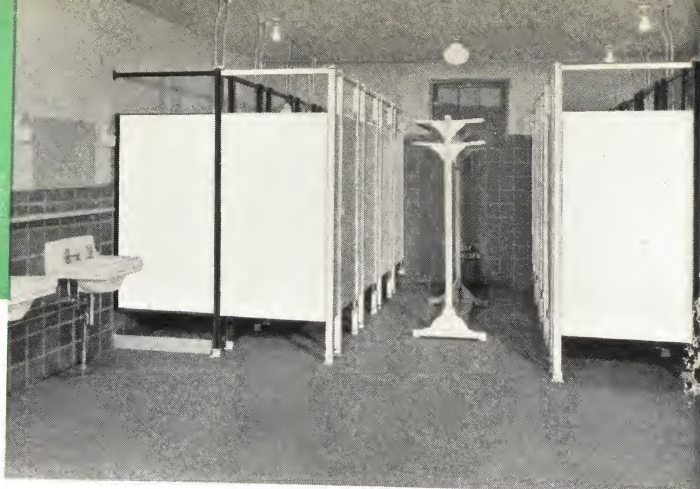
Shower stall installations are sometimes made by using Sanymetal Flush Type Partitions made of stainless steel.

Stainless Steel shower stall partitions, combined with the special features of the Sanymetal post, permit installation in any arrangement that is desirable or necessary. Unlimited combinations are possible because of these exclusive features embodied in the Sanymetal post.

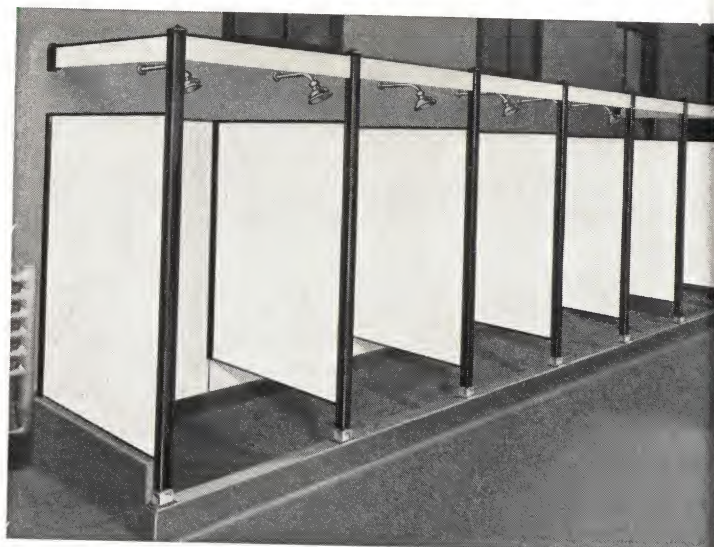
Technical Information Pertaining to Shower Stall Installations

Shower stall installations are usually made by using partitions to build as many units as may be desired. Dressing rooms may be combined with the shower stall installation by using additional partitions as illustrated. Sanymetal recommends the use of Porcena Partitions for shower stall installations because these panels are fully protected against ordinary acids, vermin, moisture, etc.

Shower stall installations are usually composed of compartments three feet square; but compartments can be had in any size desired. It is usually best to locate the shower mixing valve on one of the sidewalls of the room; thus preventing the possibility of a person scalding himself by having to turn on the water when standing in the stall.



Porcena Partitions used for shower stalls and dressing rooms at the Euclid Beach Tourist Camp, Cleveland, Ohio.



Installation of Porcena Partitions used in combination with Porcena Wainscot in employees' shower room of a large steel company.

Masonry is a Vital Element in Securing a Permanently Satisfactory Shower Stall Installation

The practice has been to set partitions upon a masonry curb and permanently join the partitions to the curb with a mastic seal. Sanymetal furnishes partitions in accordance with this practice. But, Sanymetal suggests that a special curb be built having a rabbet on to which the partition can be set with a clearance of one-half inch off the rabbet. This permits circulation of air which evaporates moisture and insures a longer life for the installation. This can be done without permitting water to leak out of the shower compartment.

Doors are usually furnished for the entrance to dressing room compartments, but the opening between the shower stall compartment and the dressing room compartment is usually equipped with a curtain. Where showers are used continuously a rubber shower curtain is recommended, although standard equipment is a white duck curtain.

When working out a shower compartment installation you may obtain many worthwhile suggestions from the Sanymetal Representative in your locality or by writing direct to the Engineering Department at Cleveland, Ohio.

1. MOISTURE AND RUST PROOF
2. PERMANENT FLINT-HARD FINISH
3. COLORS PERMANENTLY FAST
4. PORCELAIN ENAMELLING PROCESS ADDS STRENGTH

Sanymetal

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"PORCENA" FEATURES

ARE A PROTECTION AGAINST OBSOLESCENCE

● SHOCK

Porcena (Porcelain Enamelled) Partitions and Doors withstand shocks and hard usage without injury to their smooth, lustrous surface. Porcelain enamelled partitions and doors are good for years of service and require no refinishing or retouching. In them are combined two vital essentials of an ideal construction material — the structural strength of steel and a flint-like finish like the hardness of glass.

● STRENGTH

The process by which Porcena (Porcelain Enamelled) Partitions and Doors are made adds strength to the natural inherent structural strength of the steel. This added strength comes from the fusing of the porcelain enamelling material with the steel. The modern method of applying porcelain enamel is such that the enamel is not easily chipped, scarred or marred in any way. The first layer is burned into the steel at approximately 1600° Fahr. This impregnates the steel with the enamel to the extent that it cannot be hammered out, and actually reinforces the steel body. Thus, the steel is permanently protected from rust or corrosion.

● SIMPLE CONSTRUCTION

Porcena Partitions and Doors are made of two sheets of steel, porcelain enamelled on both sides with an insulating core between them and completely sealed all around with steel sealing strips.

(Full description under illustration.)

● CLEANLINESS

Porcena Partitions and Doors are impervious to odors, moisture, and ordinary acids. They are moisture proof, which means that they are proof against rust. Absorption of anything — odors, liquids, or what not — presupposes porosity. Porcelain enamel is not porous. It is flint-hard, glass-smooth. It will not absorb odors or moisture. It discourages the too common inclination to disfigure toilet room equipment with degrading scribble.

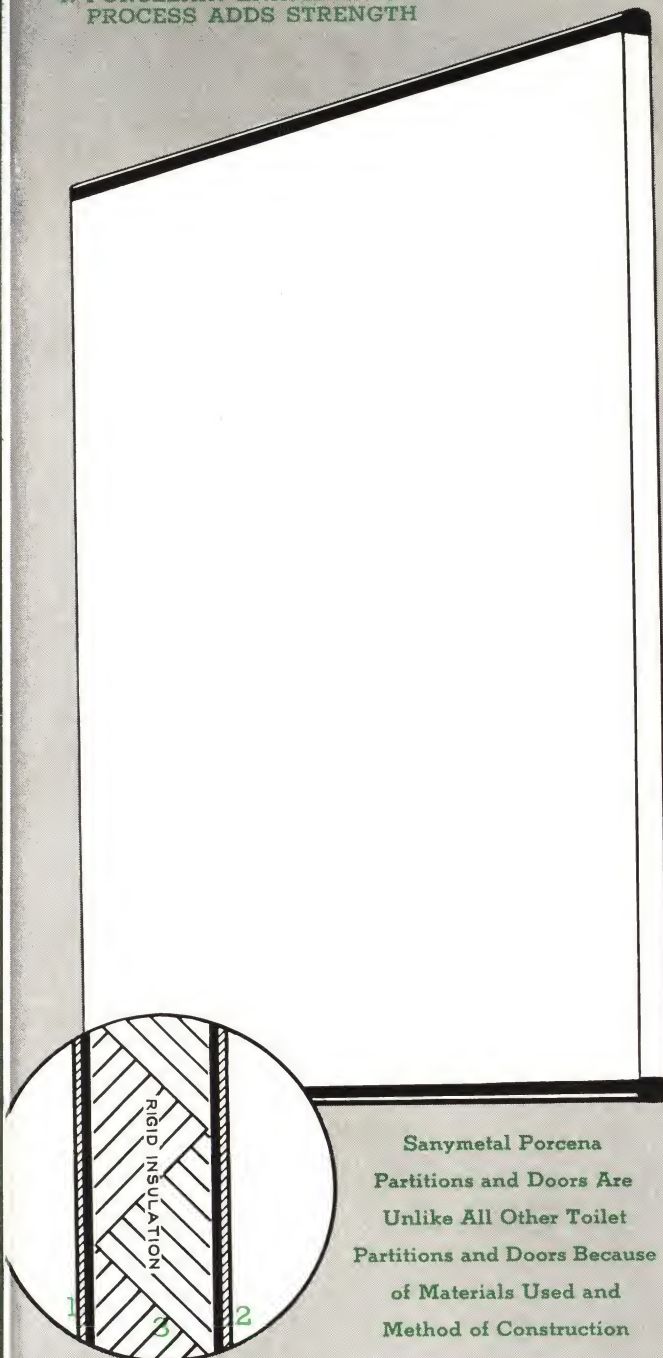
● BEAUTY

The beauty of Porcena Partitions and Doors is as permanent as any material can be. The surface is obstinately resistant to scratching and marring because porcelain enamel combines the hardness of glass with the strength of steel. Porcelain enamel retains its original luster and can be scoured and scrubbed vigorously and frequently, and still look as fresh as the day it came from the factory. It is the new material that stays new.

● ENVIRONMENTS

Porcena (Porcelain Enamelled) Partitions and Doors have a hard, glass-like permanent finish. This finish will not rust, tarnish, or change color. Colors are permanently fast — will not fade. This finish has a pearly luster which gives to a toilet compartment an aspect of roominess.

Specifications on Page 3 for Porcena Embassy Toilet Partitions; Page 5 for Porcena Normandie Toilet Partitions; Page 7 for Porcena Academy Toilet Partitions.



Sanymetal Porcena
Partitions and Doors Are
Unlike All Other Toilet
Partitions and Doors Because
of Materials Used and
Method of Construction

Porcena (Porcelain Enamelled) Partitions and Doors should never be confused with ordinary single sheet steel panels and doors. Porcelain enamel should never be confused with paint enamel or lacquer finishes. Porcelain enamel is fused onto iron at such high temperatures that the minerals practically become a part of the metal. The fusing of porcelain enamel with the steel actually adds strength to the steel and gives it longer life. Porcena Partitions and Doors are known as flush type insulated panels and doors. They are approximately an inch thick. Note the cross-section illustration. At Point 1: A heavy gauge porcelain enamelled sheet of steel. At Point 2: A heavy gauge porcelain enamelled sheet of steel. At Point 3: Between these two sheets of steel, a dense fiber core. Thus, these partition panels consist of two sheets of 16-gauge steel, each covered on the inside with one coat of porcelain and on the outside with three layers of vitreous porcelain; a total of eight layers of porcelain enamel and a dense $\frac{3}{8}$ inch insulating core. The ability of these partitions to withstand shock greatly exceeds the resistance to damaging blows that is obtainable in other materials regarded as suitable for toilet compartments. This construction was originated by Sanymetal Engineers. Sanymetal was first to offer it to the building industry.

FLUSH TYPE TOILET PARTITIONS

STEEL OR ALUMINUM

(REGULAR BAKED-ON PAINT ENAMEL FINISHES)
ALSO AVAILABLE WITH PARTITION PANELS ONLY IN PORCELAIN ENAMEL

SUITABLE FOR DEVELOPING MODERN ENVIRONMENTS

This type of toilet partition is firmly established as a standard. Sanymetal Flush Type Partitions and Doors are particularly suitable for installation in all types of buildings. In respect to floor sanitation and convenience in cleaning floors this type is unequaled. Flush Type Partitions and Doors harmonize and blend well with the effects produced by materials commonly used for walls, ceilings, and floors.

These Sanymetal Flush Type Partitions and Doors are especially suited not only for toilets and lavatories but for dressing rooms and ward screens in all types of buildings. They embody the latest structural improvements and present outstanding sanitary features combined with durability and resistance to fire.

Materials: Sanymetal Flush Type Partitions and Doors may be made up from the following materials: full cold rolled stretcher leveled furniture finish steel; stainless steel and aluminum. This choice of materials permits the achievement of practically any desired appearance or artistic effect.

Construction Features: Sanymetal Flush Type Partitions and Doors are fabricated in a combination of pleasing rectangular designs which allow for making up the following standard size compartments:

Widths: 30, 32, 33, 34, and 36 inches.

Depths: 36, 42, 48, 54, and 60 inches.

Heights of Panels and Doors: 54 and 60 inches; installed 12 inches above floor so that heights of Panels and Doors, measuring from floor surface to top of Panel or Door, are 66 inches and 72 inches respectively. Headrail usually installed 12 inches above top of Panels and Doors making total over-all heights, floor surface to headrail, 78 inches and 84 inches respectively.

Partitions and Doors are fabricated with double sheets of steel spaced one inch apart filled between and glued under pressure to a sound-deadening insulating fiber core with edges of panels joined, bound and sealed with a continuous drawn locking strip, thus providing rigid one inch thick partition panels and doors with flush surfaces. This method insures uniformity, rigidity and maximum strength along the edges and at every point.

Partitions are set into recesses of posts, which method conceals the joints and connections and reinforces materially both the partition and the post upright, making an unusually strong and rigid installation with all cross-sections true and uniform in profile.

Sanymetal Flush Type Partitions and Doors are finished (unless made of materials which require no finish) with a special rust-resisting baked-on prime coat of sublimed blue lead over which are applied baked-on paint enamel or lacquer finishing coats (standard colors, olive green and gray) in a color selected.

Blueprints of Typical Installations Available to Architects: With over twenty years' experience and well over 40,000 installations as a background, Sanymetal is well equipped to offer architects blue prints of a variety of typical installations. These serve to facilitate the laying out of installations and may be used to conserve time. Requests for blueprints should state size of room and approximate number of compartments contemplated. If possible, also state whether or not installation will be back-to-wall without vent, back-to-wall with vent, back-to-back without vent, or back-to-back with vent.

Hardware illustrated on Page 15.

Specifications on Page 11.

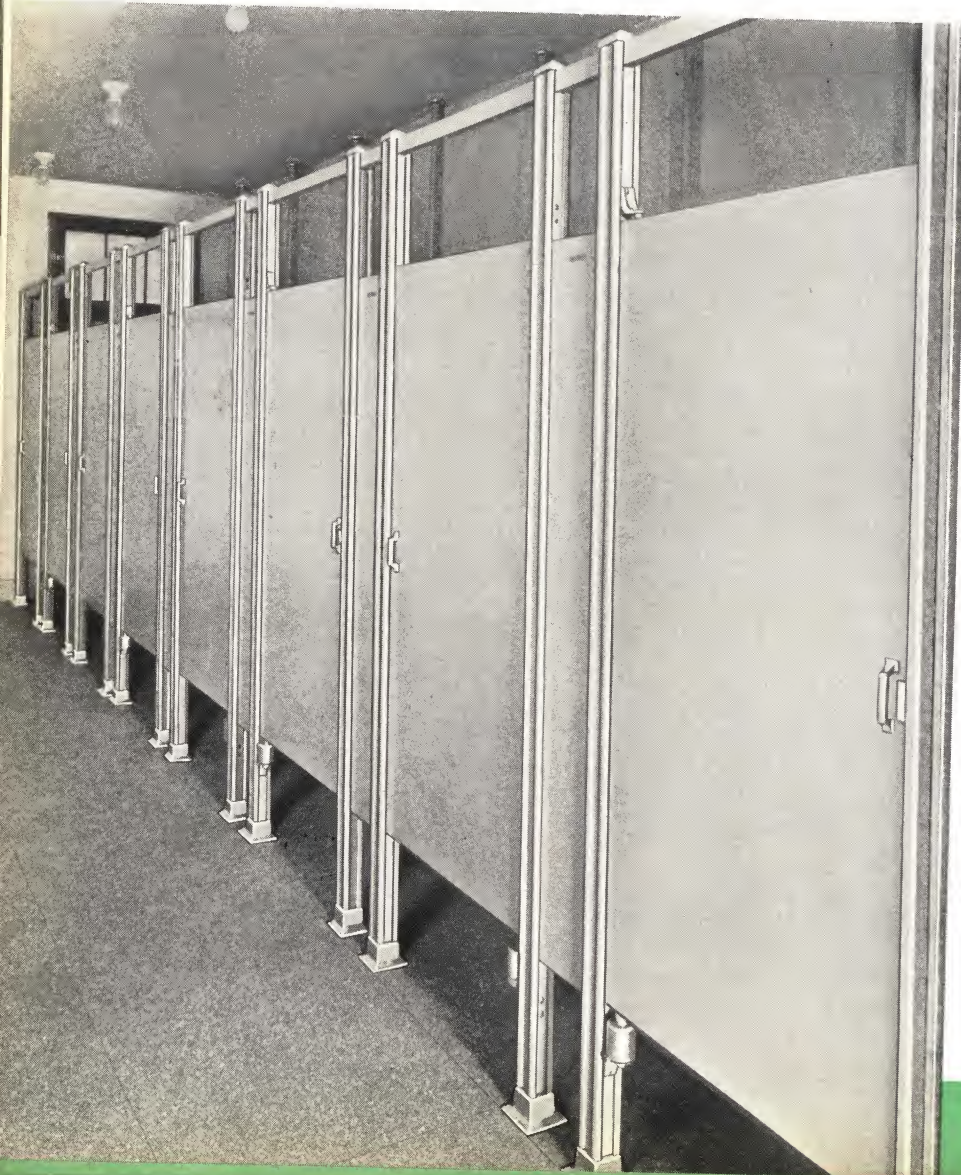
Installation and Operation

Doors swing on Sanymetal encased full-floating ball bearing roller gravity hinges adjustable to any door swing or position, noiseless, easy action; solid brass; nickel or chromium plated. See Page 15.

Each post is set in sanitary floor shoe which is adjustable to uneven floors, solid brass or aluminum, nickel or chromium plated. See Page 15.

An outstanding feature is the headrail construction. Rectangular headrail extends through sunken panel section of post and is fastened directly and securely to the post with metal screw. Loose connections at this point positively prevented. Cap on top of post is for finish effect only.

One end of an installation of Sanymetal Flush Type Partition at Euclid Beach Tourist Camp, Cleveland, Ohio.





SPECIFICATIONS

SANYMETAL FLUSH TYPE TOILET PARTITIONS

Note: Illustrations and description of features of Sanymetal Flush Type Toilet Partitions on Page 10.

(1) All partitions and doors for toilet, and dressing compartments are to be Sanymetal Flush Type, as manufactured by The Sanymetal Products Co., Inc., of Cleveland, Ohio.

(2) **Doors and Partitions:** Doors and Partitions shall be made 1 inch thick of two sheets of full cold rolled stretcher leveled full finished steel, assembled over and cemented under pressure to a $\frac{7}{8}$ inch thick sound deadening fiber core. Panels 54 inches or over shall be made of 20 U. S. gauge steel, smaller sizes, 22 U. S. gauge steel (aluminum, No. 18 B. & S. gauge.) The two face plates shall have formed edges and shall be sealed together with continuous drawn locking strips.

(3) **Posts:** Posts of partitions are to be 2 inches square hollow drawn, interlocked construction of not less than .040 stock, panelled on four sides, forming recesses into which partitions are to be set and securely fastened.

(4) **Headrail Brace:** Partitions when set in place shall be securely braced with continuous 1 inch by $1\frac{1}{2}$ inch drawn steel tubular overhead bracing, extending through the top of posts which are notched to receive headrail. Post and headrail shall be drilled and held in position with metal screw.

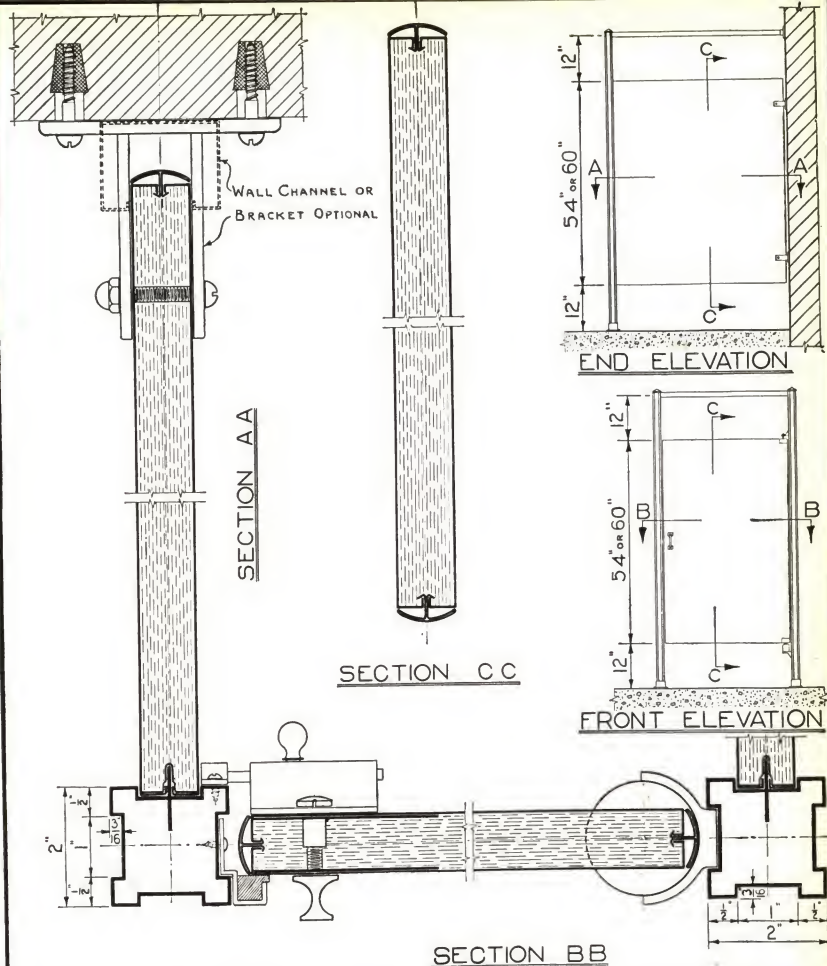
(5) **Partition Fittings:** Top Post Cap: The top of post shall be capped with a neat casting, painted same as partitions and headrail.

Floor Fittings: The front posts of partitions to be securely fastened to floors with 2-inch high wrought brass shoes to be furnished nickel plated (specify chrome plated if preferred); shoes to be securely fastened to floors with two No. 12 by $1\frac{1}{2}$ -inch wood screws into lead or fiber expansion shields. **Wall Fittings:** Partitions may be fastened to back walls with continuous boxed U channels (or if preferred back of partition may be set approximately 1 inch from back wall with cast or wrought steel knee braces painted same as partitions).

(6) **Door Hardware:** Doors shall be equipped with brass gravity hinges with concealed ball bearing rollers. Hinges are to be adjustable for inswinging, outswinging, or double acting doors. Each door shall be equipped with one cast pull, stops, coat hook and slide bar latch of white metal chrome plate. All door hardware to be attached with brass chrome plated through sleeve bolts with theft-proof heads.

(7) **Finish:** All metal to be thoroughly sanded, washed with benzine, filled and primed with sublimed blue lead baked on. If paint enamel finish, spray on and bake separately, two additional coats (standard colors, olive green and gray) baking paint enamel of a color selected. If partition panels are to be porcelain enamel, refer to page 7 — paragraph 2.

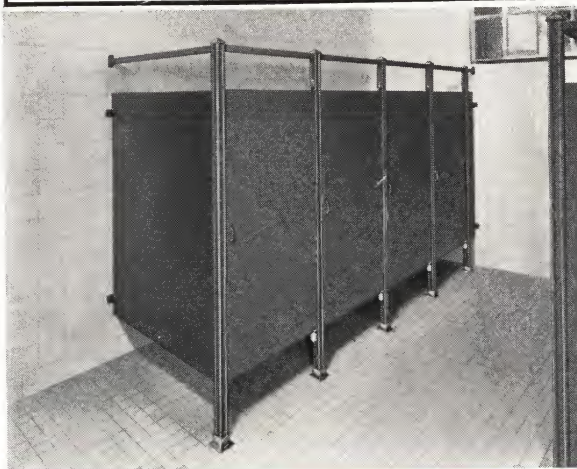
Hardware illustrated on Page 15.



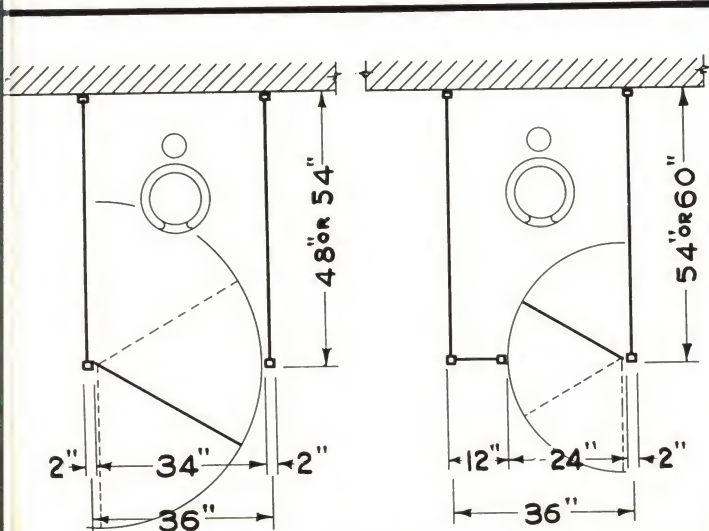
THE
SANYMETAL PROD. CO. INC.
CLEVELAND, OHIO.

TOILET PARTITION DETAILS
TYPE A FLUSH

PLATE NO. 45
DATE — OCTOBER 1, 1937



Installation of
Sanymetal Flush
Type Toilet
Partitions at Yankee
Stadium, New York.
View shows only one
of several batteries
installed like one
illustrated.



INSWINGING AND OUTSWINGING DOORS

It is considered of prime importance that all corridors and aisles be unobstructed at all times. Consequently, Sanymetal suggests that wherever possible the toilet partition installation should embody inswinging doors. Doors swinging into the compartment require deeper compartments, but outswinging doors do not reduce the essential depth of a compartment enough to overcome the disadvantage of obstructed corridors and aisles and possible injury to persons. The total amount of space essential for the outswinging door, plus the depth of the compartment, is much greater than the amount of space required for a compartment of sufficient depth to allow for an inswinging door.

Inswinging doors should be installed to stand open. This position instantly indicates whether or not the compartment is in use and affords better ventilation of compartment.

Inswinging doors are always latched when closed, thereby preventing danger of injury to individuals. Inswinging doors are never subjected to the punishment that outswinging doors receive from children who are tempted to ride them.

Sanymetal furnishes both inswinging and outswinging doors, but recommends the use of inswinging doors.

Sanymetal

FULL PANEL TYPE TOILET PARTITIONS

STEEL OR ALUMINUM

(REGULAR BAKED-ON PAINT ENAMEL FINISHES)

THE TYPE TO USE WHEREVER A RECTANGULAR DESIGN MAY DOMINATE THE ENVIRONMENT

Sanymetal Full Panel Type Partitions are actually full panel. Each panel is completely surrounded by hollow drawn and interlocked stiles and rails, whereas usual practice utilizes post into which panel fits, to frame one side of panel. Sanymetal Full Panel Type construction is more rigid and substantial and able to withstand rough service. Sanymetal Full Panel Type Toilet Partitions and Doors embody modern features of design and fit well into any environment.

Sanymetal Full Panel Type Toilet Partitions find favor where long established standards of uniformity in the use of such materials must be complied with, or where conservatism and other limiting conditions must be met by the installation of suitable partitions of recognized value and dependability.

Materials: Sanymetal Full Panel Type Toilet Partitions and Doors may be made up from the following materials: full cold rolled stretcher leveled furniture steel; and aluminum. This choice of materials permits the achievement of practically any desired appearance or artistic effect.

Construction Features: Sanymetal Full Panel Type Toilet Partitions and Doors are fabricated in a combination of pleasing rectangular

lar designs which allow for making up the following standard size compartments:

Widths: 30, 32, 33, 34, and 36 inches.

Depths: 36, 42, 48, 54, and 60 inches.

Heights of Panels and Doors: 54 to 60 inches; always installed 12 inches above floor so that heights of Panels and Doors, measuring from floor surface to top of Panel or Door, are 66 inches and 72 inches respectively. Headrail usually installed 12 inches above top of Panels and Doors making total over-all heights, floor surface to headrail, 78 inches and 84 inches respectively.

Partitions and doors are made with wide hollow drawn and interlocked stiles and rails mitred at the four corners and forced over a single sheet steel panel. The mitred corners have continuous welds which, with the interlock type of construction used in forming the hollow drawn steel shape, insures sealed and water tight joints and seams between the panel sheets and the stiles and rails. Dust catching ledges are reduced to a minimum without sacrificing modern, pleasing and correct architectural design and other features that characterize first class hollow metal construction.

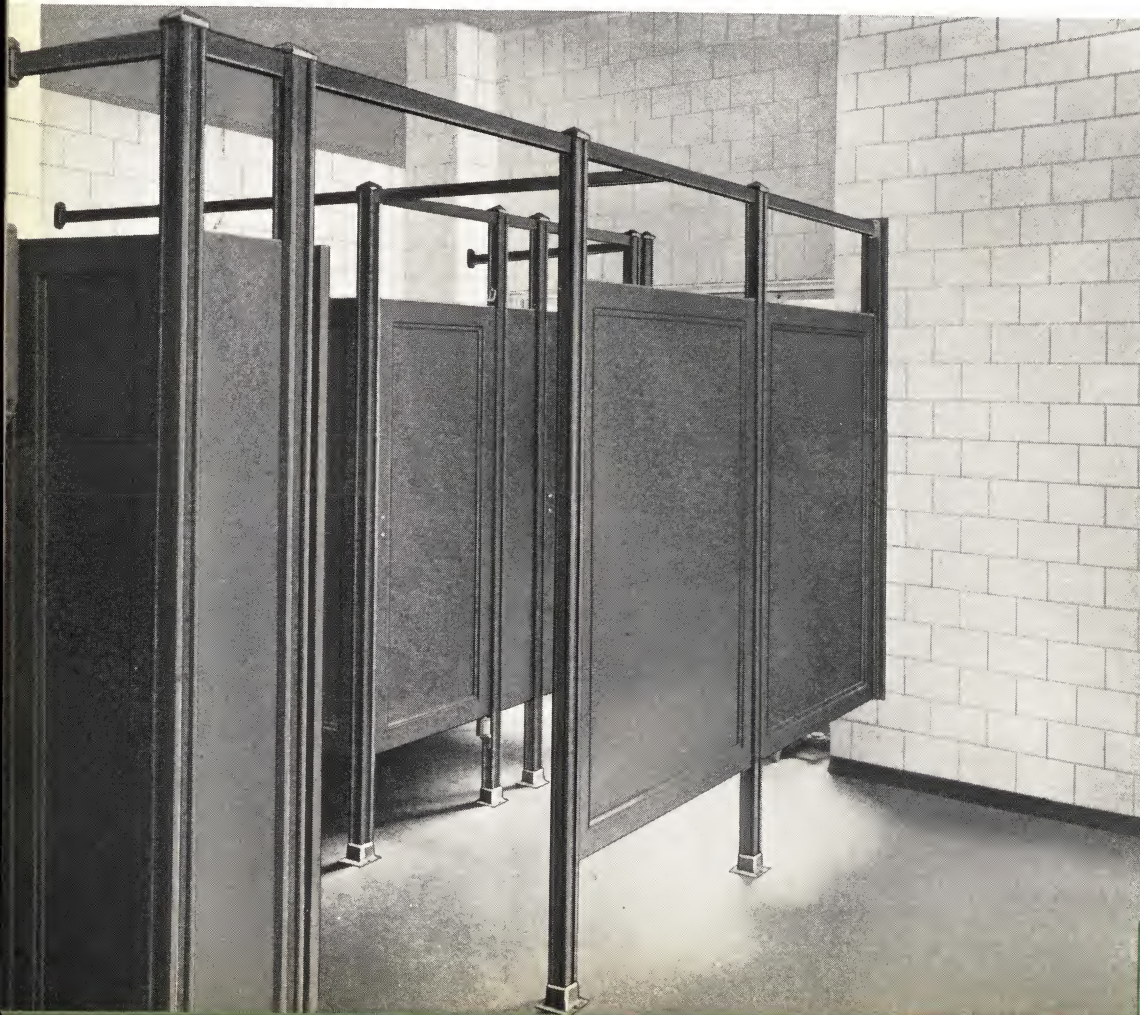
Partitions are set into recesses of posts, which method conceals the joints and connections and reinforces materially both the partition and the post upright, making an unusually strong and rigid installation with all cross-sections true and uniform in profile. Each partition with its integral front and rear post is a single substantial unit.

Sanymetal Full Panel Type Toilet Partitions and Doors are finished (unless made of materials which require no finish) with a special rust-resisting baked-on prime coat of sublimed blue lead over which are applied baked-on paint enamel finishing coats in a color selected (standard colors, olive green and gray).

Hardware illustrated on Page 15.
Specifications on Page 13.

Blueprints of Typical Installations Available to Architects: With over twenty years' experience and well over 40,000 installations as a background, Sanymetal is well equipped to offer to architects blueprints of a variety of typical installations. These facilitate the laying out of installations and may be used to reduce time considerably. Requests for blueprints should state size of room and approximate number of compartments contemplated. If possible, also state whether or not installations will be back-to-wall with vent, back-to-wall without vent, or back-to-back with vent.

Typical installation of
Sanymetal Full Panel
Type Toilet Partitions at
The Providence Journal,
Providence, Rhode Island





SPECIFICATIONS

SANYMETAL FULL PANEL TYPE TOILET PARTITIONS

Note: Illustrations and description of features of Sanymetal Full Panel Type Toilet Partitions on Page 12.

(1) All toilet partitions and doors, entrance screens and dressing rooms are to be Sanymetal Full Panel Type as manufactured by The Sanymetal Products Co., Inc., Cleveland, Ohio.

(2) **Doors and Partitions:** Doors and partitions shall be furnished with matched stiles and rails on the four sides, mitred, welded and ground flush. These stiles and rails are to be drawn steel shapes of not less than .040 gauge with edges turned in and interlocked, forming water-tight joints and a recess into which the panel sheet is to be forced. Gauges are to be as recommended by the Bureau of Standards, U. S. Department of Commerce. Simplified practice recommendation R101-29 as follows: In partitions 54 inches deep by 54 inches high or larger, panel sheets 16-gauge U. S. Standard (0.0613 inch). In partitions smaller than the above mentioned and doors, panel sheet steel shall be 18-gauge U. S. Standard (0.0490 inch). (Aluminum, No. 14 B. and S. gauge.)

(3) **Posts:** Posts of partitions are to be 2 inches square hollow drawn, interlocked construction of not less than .040 stock, panelled on four sides, forming recesses into which front stile of partitions is to be set and securely fastened.

(4) **Headrail Brace:** Partitions when set in place shall be securely braced with continuous 1 inch by 1½ inch drawn steel tubular overhead bracing, extending through the top of posts which are notched to receive the headrail. Post and headrail shall be drilled and held in position with metal screw.

(5) **Partition Fittings:** Top Post Cap: The top of post shall be capped with a neat casting, painted same as partitions and headrail.

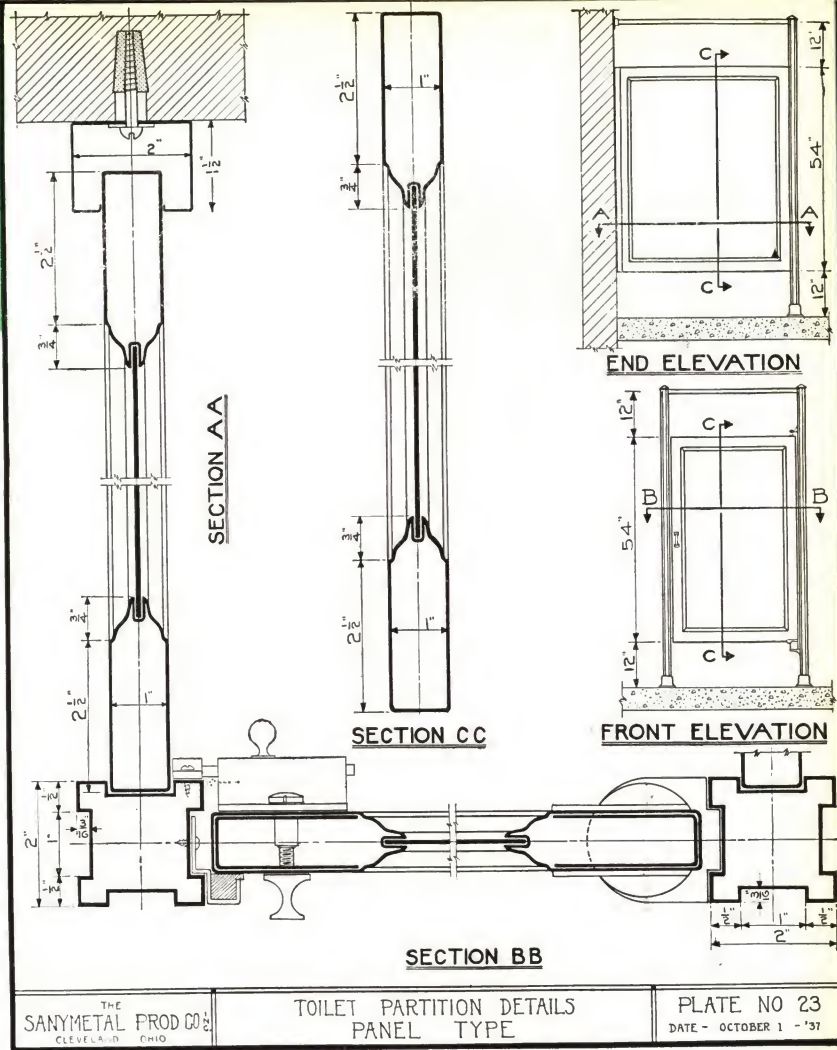
Floor Fittings: The front posts of partitions are to be securely fastened to floors with 2 inch high wrought brass shoes to be furnished nickel plated (specify chrome plated if preferred); shoes to be securely fastened to floors with two No. 12 x 1½ inch wood screws into lead or fiber expansion shields.

Wall Fittings: Partitions may be fastened to back walls with continuous boxed U channels (or if preferred back of partition may be set approximately 1 inch from back wall with cast or wrought steel knee braces painted same as partitions).

(6) **Door Hardware:** Doors shall be equipped with brass gravity hinges with concealed ball bearing rollers. Hinges are to be adjustable for inswinging, outswinging, or double acting doors. Each door shall be equipped with one cast pull, stops, coat hook, and slide bar latch of white metal chrome plated. All door hardware to be attached with brass chrome plated through sleeve bolts with theft-proof heads.

(7) **Finish:** All metal to be thoroughly sanded, washed with benzine, filled and primed with sublimed blue lead baked on. If paint enamel finish, spray on and bake separately, two additional coats baking paint enamel of color selected (standard colors, olive green or gray).

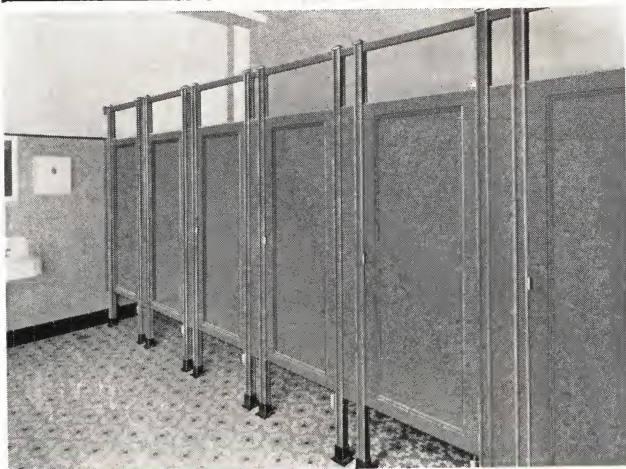
Hardware illustrated on Page 15.



THE
SANYMETAL PROD CO
CLEVELAND OHIO

TOILET PARTITION DETAILS
PANEL TYPE

PLATE NO 23
DATE - OCTOBER 1 - '37



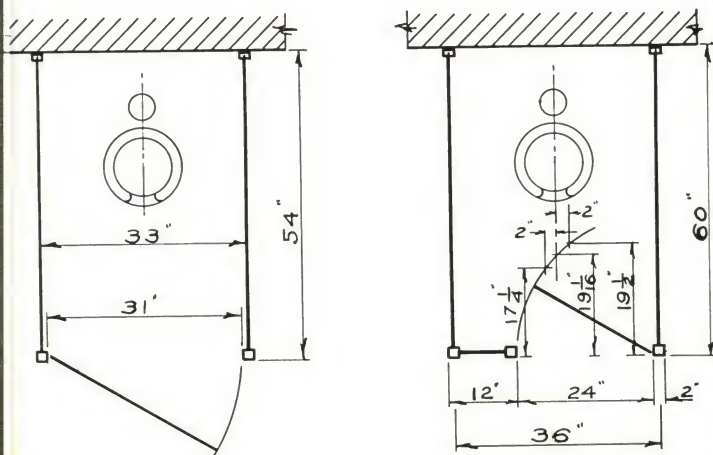
Sanymetal Full
Panel Type
Partitions in
Montgomery
Ward Company,
at Hagerstown,
Maryland.

WIDE AND NARROW DOORS

The size of door determines the general appearance of the toilet partition installation and affects the degree of convenience realized because the size of the door may either enlarge or limit the amount of free space inside the compartment. The dimensions of an outswinging door become important when considered in connection with accessibility to the compartment from the corridor or aisle.

Sanymetal suggests that the most satisfactory installation for a compartment 30 inches or more wide should consist of a front panel and narrow door. This is based on the principle that the smaller sized door is lighter in weight, requires less room in which to swing in or out, and exerts less leverage on the hinges. Compartments less than 30 inches in width may be satisfactorily built up with or without front panels.

Sanymetal furnishes whatever panels and doors may be required for making installations either way but recommends the use of front panels and inswinging narrow doors.



FLUSH TYPE DOORS

REGULAR BAKED-ON PAINT ENAMEL
OR PORCELAIN ENAMEL FINISHES

Materials which have long been regarded as suitable for toilet partition installations, although yielding, in many instances, to the use of porcelain enamelled steel, continue to be used in various types of buildings. Doors of suitable design and construction for such installations are usually made of steel and finished in baked-on paint enamel. For this purpose, Sanymetal offers two types of Doors: namely, Flush Type and Full Panel Type. The Sanymetal Flush Type Door finished in baked-on paint enamel or porcelain enamel is by far the most popular equipment for marble or structural glass installations.

Sanymetal Flush Type Doors are made 1 inch thick of two sheets of full cold rolled stretcher level full finished steel, assembled over and cemented under pressure to a $\frac{7}{8}$ inch thick sound deadening fiber core, with all edges joined, bound and sealed with a continuous drawn locking strip, thus providing rigid 1 inch thick construction with flush surfaces. Standard stock sizes of Full Width Doors and Narrow Width Doors are given in table on Page 19. Standard stock sizes are not intended to limit architects and engineers in designing the type of installation most suitable for a particular environment. Sanymetal fabricates special sizes of Doors to meet conditions of a particular installation. For specifications on doors finished in porcelain enamel see Page 7, Paragraph 2.

Sanymetal Flush Type Doors are finished (unless made of material such as stainless steel which requires no finish) with a special rust resisting baked-on prime coat of sublimed blue lead, over which are applied baked-on paint enamel or lacquer finishing coats (standard colors, olive green and gray) in any color selected. Complete description of Flush Type Doors on Page 10. (Complete description of doors finished in porcelain enamel on Page 6; for specifications see Page 7, Paragraph 2.)

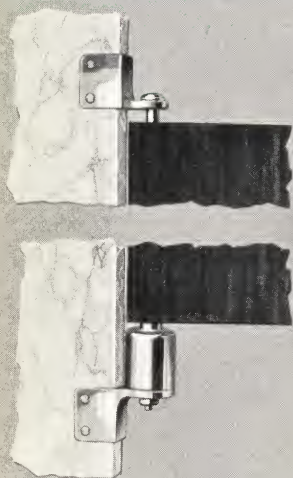
Sanymetal Full Panel Type Doors

These are actually full panel construction. Panel is completely surrounded by hollow drawn and interlocked stiles and rails, mitred and permanently welded and ground flush. Edges are turned and interlocked, forming water-tight sections, making this type of door proof against the seepage of water into hollow drawn sections, thus insuring longer life for the entire structure. These doors are finished in the same manner as Flush Type Doors. Complete description of Full Panel Type Doors on Page 12.

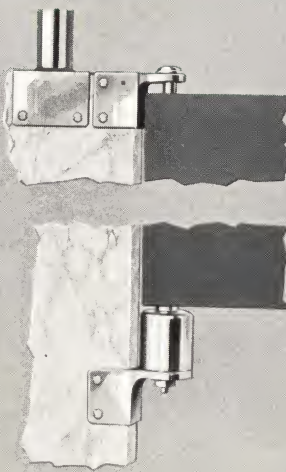
Sanymetal Flush Type Door with
Marble Toilet Compartment.



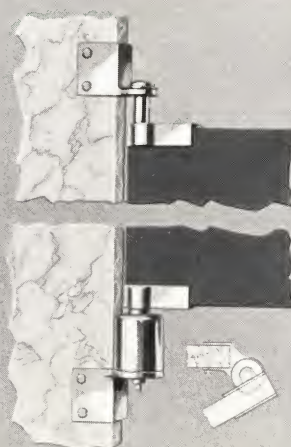
SANYMETAL HINGES FOR DOORS ON MARBLE



Type A
Standard Hinge Mounting
for Ordinary Conditions.



Type B
Hinge Mountings for Use
with Pipe Support at Top of
Marble Stile.



Type G
Offset Hinge Mounting
which permits Door to swing
100 degrees without pressure
on Marble Stile. When
ordering specify whether
right or left hand door.

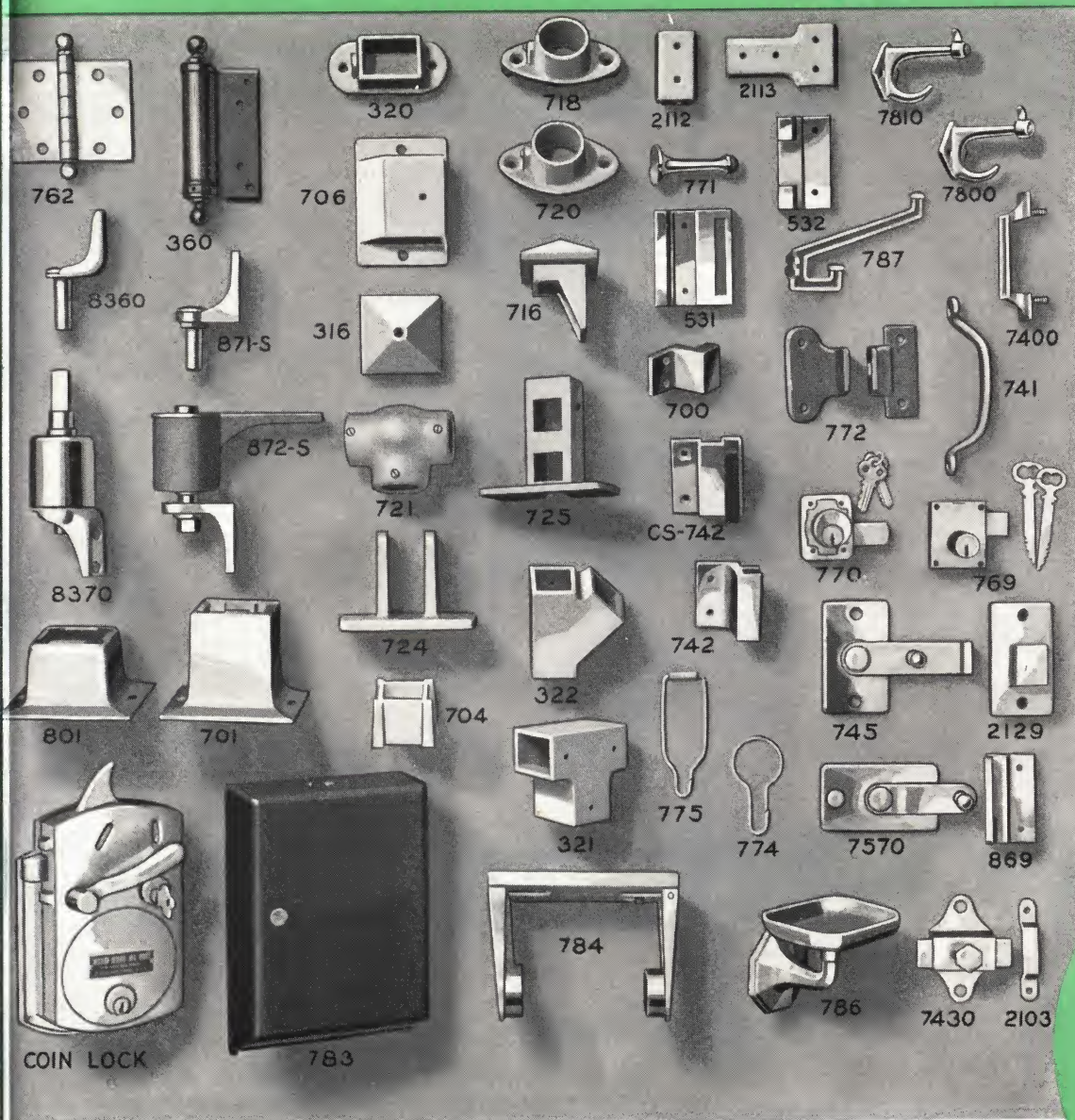
Sanymetal full floating ball bearing gravity roller hinges give quiet, easy operation with no slamming, and can be adjusted so that door remains open when the compartment is not occupied. This is same type of hinge that is standard equipment on doors for all Sanymetal Toilet Partition Installations. It is adapted to various mountings, which makes it suitable for mounting doors on marble, slate or structural glass partitions. The three most common types of mountings are illustrated on this page and designated as Type A, Type B and Type G.

When specifying and ordering doors to be mounted on marble or structural glass, follow these instructions: (1) state type of hinge mounting; (2) give thickness of hanging stile of marble or structural glass; (3) state height of Pilaster and whether it extends to floor or is set on pipe standard; (4) specify finish (nickel or chromium); (5) state type, material and color finish of door. Hinges are made for marble, slate and structural glass stiles of any thickness.

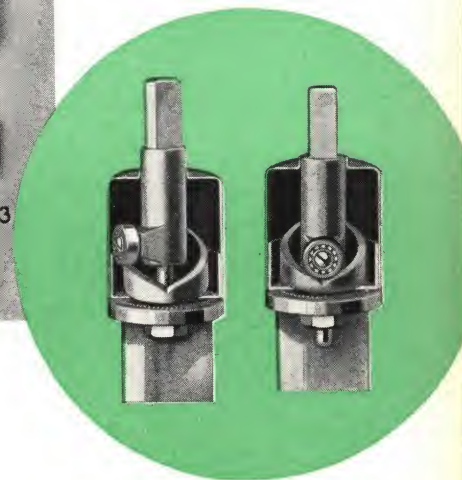
In addition to hinges, each door is equipped with one cast pull, stops, coat hook and slide bar latch of white metal chromium plated. All door hardware is attached with brass chrome plated through sleeve bolts with theft-proof heads. These and other items of hardware illustrated on Page 15. Consult Sanymetal Representative in your locality concerning doors for marble or structural glass installations.

Sanymetal TOILET PARTITION HARDWARE ²⁰/₂₁

AFFORDS THE UTMOST IN CONVENIENCE



The illustrations below show sectional view of Sanymetal Ball Bearing Roller Gravity Hinges. Ball bearings and race are stainless steel. These hinges are fully encased. They are adjustable to any door swing or any pilaster or post. Noiseless, easy action, solid brass chromium plated. A Sanymetal development universally used in the toilet partition industry.



Every item of Sanymetal Toilet Partition Hardware is substantially constructed and mechanically perfected to afford the utmost convenience. Sanymetal engineers, utilizing the findings of years of experience and appreciating the unrelenting abuse hinges and other door fittings must survive, have fortified each fitting with reserve strength

and stamina. Sanymetal engineers originated, pioneered, and patented what is today recognized as the gravity hinge which is so widely used. All hardware used on Sanymetal Porcena and Sanymetal Flush Type and Full Panel Type Toilet Partitions is attached with brass, chromium plated through sleeve bolts with theft-proof heads.

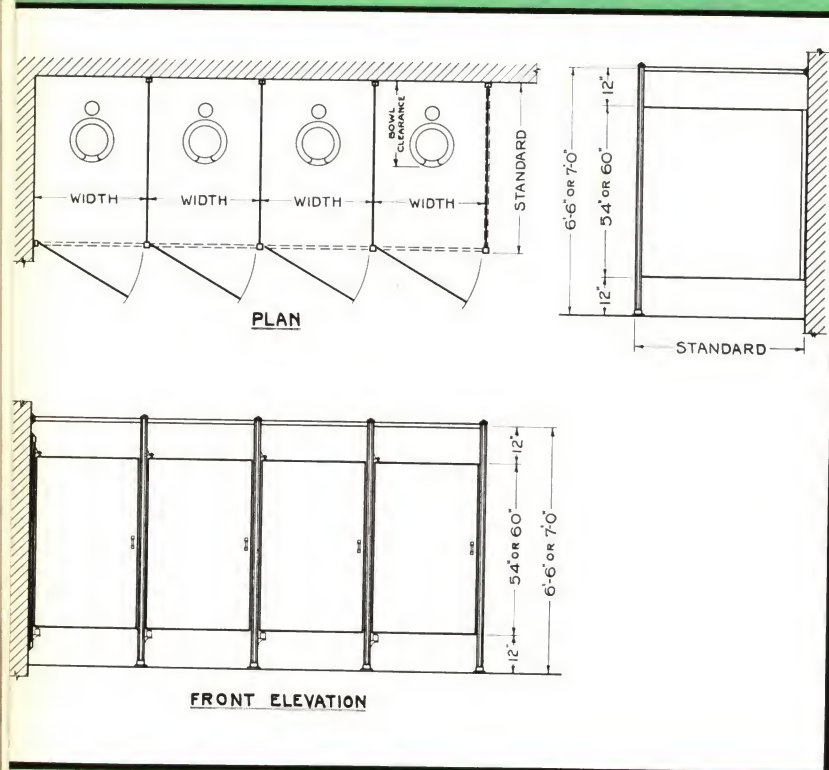
- No. 762 Half Surface Butt Hinge.
- No. 8360 Top Hinge Assembly, pivot hinge; $\frac{1}{2}$ inch in diameter of heat treated alloy steel rotating in impregnated graphite bronze bushing, noiseless, practically wearless, easy action assured.
- No. 8370 Roller Hinge Assembly, Sanymetal End Gate Full Floating Ball Bearing Roller Gravity Hinge; adjustable to any door swing or any post. Noiseless, easy action, solid brass, chromium plated.
- No. 801 Wrought Post Floor Shoe, sanitary, self-draining design; adjustable for uneven floors, a simple, sturdy design, free of gadgets, solid brass or aluminum chromium plated.
- No. 360 Spring Butt Hinge.
- No. 871-S Top Pivot Spring Hinge.
- No. 872-S Bottom Pivot Spring Hinge.
- No. 701 Cast Post Floor Shoe; sanitary design; a simple, sturdy design free of gadgets; chromium plated.

- No. 320 Wall Flange for Headrail.
- No. 706 Wall Post Cap for attaching wall post to wall.
- No. 316 Post Cap for ornamental purposes only.
- No. 721 "T" Ball Fitting for Headrail.
- No. 724 Wall Bracket for securing partition panel to wall.
- No. 704 Floor Post Inserts.
- No. 783 Paper Holder, Box Type.
- No. 718 Curtain Rod Flanged for partition post.
- No. 720 Curtain Rod Flanged for walls.
- No. 716 Back Post Cap.
- No. 725 Back Wall Bracket.
- No. 322 "Y" Fitting (right or left hand) for bracing.
- No. 321 "T" Fitting for rectangular Headrail.
- No. 784 Paper Holder, Roll Type.
- No. 2112 Partition Panel Clip.
- No. 2113 Panel "T" Clip.
- No. 771 Bumper.
- No. 532 Outswinging Combination Stop and Keeper.
- No. 531 Inswinging Combination Stop and Keeper.

- No. 700 Door Stop.
- No. CS-742 Check Stop.
- No. 742 Door Stop.
- No. 775 Rectangular Curtain Hook.
- No. 774 Round Curtain Hook.
- No. 786 Soap Tray.
- No. 7810 Combination Coat Hook and Bumper.
- No. 7800 Coat Hook.
- No. 787 4-inch Coat Hook.
- No. 7400 Pull, modern design.
- No. 772 Hasp for padlock (A-Door part, B-Jamb part).
- No. 741 Cast Door Pull.
- No. 770 Cylinder Block and Keys.
- No. 769 Flat Key Lock and Keys.
- No. 745 Double Door Latch.
- No. 2129 Double Door Latch Keeper.
- No. 7570 Military Latch.
- No. 869 Throw Latch Keeper.
- No. 7430 Latch.
- No. 2103 Keeper.

Sanymetal TOILET

BACK-TO-WALL TOILETS WITHOUT VENT



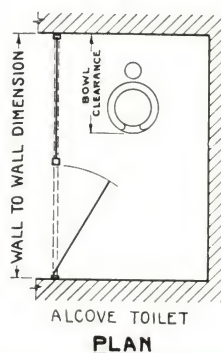
This type of installation consists of a single row battery of compartments built against the back wall and without vent or utility space. In this installation the plumbing is concealed. Vent space is provided for in the masonry wall. Such an installation proves the most satisfactory from a maintenance standpoint and is perhaps the most widely used of all designs. Furnished either with or without doors. If with doors, then with either inswinging or outswinging doors. Also furnished in a single post or double post front panel construction. When furnished single post construction, doors are full width of front of compartment and where right angle wall forms one side of the end compartment, a wall post slightly higher than the height of the door is used for hinging the door or to serve as a jamb in case the door swings in the opposite way. With double post front panel construction, the front of the compartment is enclosed by an "L" Front Panel and the door. Where right angle wall forms one side of compartment a Wall Front Panel adjoins the wall. This panel is set in an adjustable wall channel which insures a perfect fit even against badly plumbed walls. This channel is closed at top and bottom and fastens to the wall with concealed screws. It is the same type of channel that is used to attach the partition panels to the back wall of the installation. When outside window comes at point

where installation would, or should, adjoin wall, consult Sanymetal representative or write Engineering Department at Cleveland, Ohio.

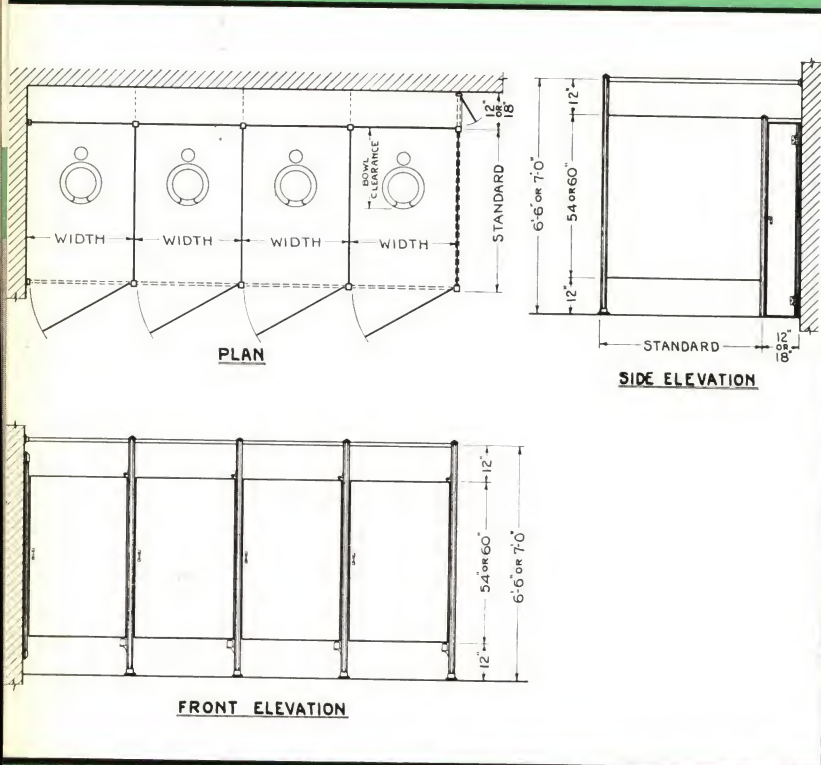
Back-to-wall toilets without vent are installed with either Flush Type or Full Panel Type Partitions.

Single Toilet Without Vent

This is a typical view of how a single toilet installation without vent space can be made where walls enclose two sides of the compartment. Usually adapted for purpose of conserving space.



BACK-TO-WALL TOILETS WITH VENT



Back-to-wall toilets with vent include a vent or utility space of the same height as the dividing partition panels. This vent or utility space is between the rear of the compartment and the wall of the room. The vent space is sometimes built up by use of metal partition panels or may be built up of other materials which the architect may select. If utility or vent space is less than 18 inches in depth, Sanymetal recommends that architect specify, if metal partition backs are used, that these backs be two piece units with upper portion of panel removable for easy access to plumbing. Utility doors and tops are provided in dimensions to suit any required vent or utility space depth and height. If compartments are to be ventilated through the vent or utility space, louvers or vent registers should be specified in back panels.

In this type of installation vent space should be enclosed at the top making a completely enclosed vent space chamber. Access is provided by the utility door at one end of the chamber if depth is 18 inches or greater, otherwise removable backs as above described should be specified. This installation can be made with either Flush Type or Full Panel Type Partitions and Doors and with other variations as noted under the heading Back-to-Wall Toilets Without Vent.

Note: Refer to Page 11 for information regarding Inswinging and Outswinging Doors, and to Page 13 for information regarding Wide and Narrow Doors.

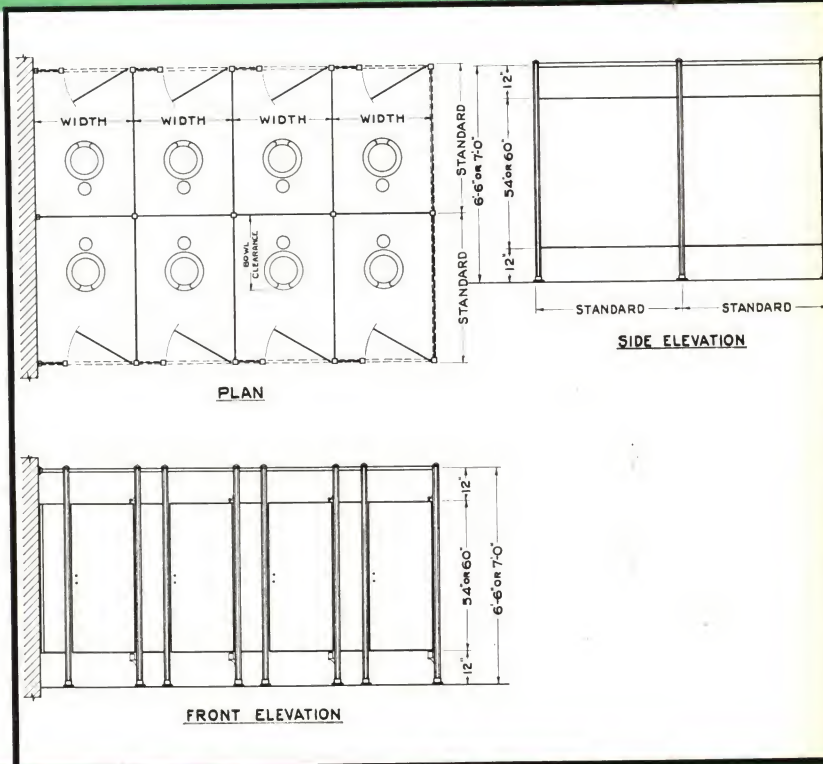
PARTITION INSTALLATIONS

BACK-TO-BACK TOILETS WITHOUT VENT

This type of installation consists of a double row battery of compartments and is suitable for providing the maximum number of toilet compartments in an allotted space. Back-to-back compartments without vent are also commonly used where dressing compartments are adjacent to shower compartments.

In Sanymetal back-to-back without vent installations the back of each compartment consists of a single panel partition either Flush Type or Full Panel Type. Backs are usually specified to be set 12 inches off the floor since this makes the most sanitary installation and affords easy accessibility to plumbing supply lines from either side of the back panel partition. In this type of installation the design and the construction of the Sanymetal posts is utilized to the utmost advantage in joining partition panels and the back panel. Where such an installation is built at right angles to an inside wall, the plumbing supply lines are usually run from the wall directly below the back panels. This makes plumbing easily accessible from either side of the back panel. If flush tank toilets are to be installed and it is necessary to attach flush tanks to back panels, architect should specify that reinforcement be provided in these backs to carry the added weight of the two tanks which will be mounted on either side of the back panel.

This type of installation may be equipped with doors or furnished without doors. If with doors, then inswinging or outswinging doors can be furnished. (See Page 11 for details.) A back-to-back without vent installation may be furnished with the "L" Front construction and narrow door or with the single post construction and full width door. Either Full Panel Type or Flush Type Partitions are equally adaptable in effecting this type of installation.



BACK-TO-BACK TOILETS WITH VENT

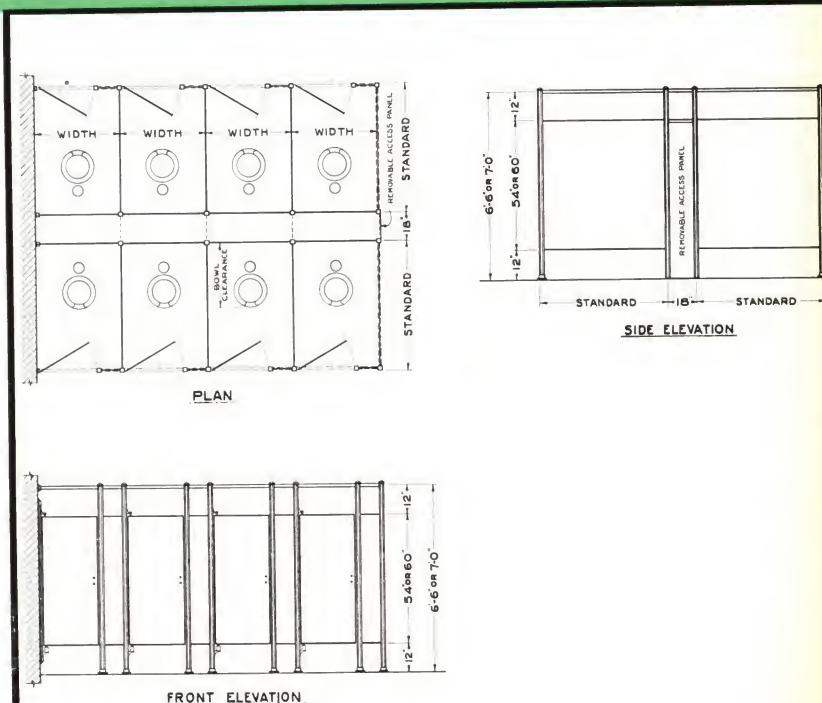
In this type of installation the vent or utility space is usually created by the use of metal partition back because this saves the cost of the masonry wall construction.

In back-to-back toilets the vent or utility space is of the same height as the dividing partition panels. If the utility or vent space is less than 18 inches in depth, Sanymetal recommends that architects specify metal partition backs be two piece units with upper portion of panel removable for easy access to plumbing. Utility doors and tops are provided in dimensions to suit any required vent or utility space depth and height. If compartments are to be ventilated through the vent or utility space, louvers or vent registers should be specified in the back panel.

In an installation of this type, the plumbing supply lines are completely concealed but still easily accessible, particularly when back panels are specified to be two piece units with the upper portion of the panel removable for access to the plumbing.

The top of the vent or utility space in this type of installation should be completely enclosed, making a closed vent space chamber. Access to plumbing is provided by utility door at one end of the chamber if depth is 18 inches or greater; otherwise, removable back as above described should be specified. This installation can be made with either Flush Type or Full Panel Type Partitions and Doors and with other variations which may be worked out with the aid of a Sanymetal representative or by writing the Engineering Department at Cleveland, Ohio.

Note: Refer to Page 11 for information regarding Inswinging and Outswinging Doors, and to Page 13 for information regarding Wide and Narrow Doors.



Sanymetal

HOSPITAL CUBICLES



Installation of Sanymetal Hospital Cubicles in Lucas County Children's Hospital, Toledo, Ohio.



Installation of Sanymetal Hospital Cubicles for Children in Aultman Hospital, Canton, Ohio.

THESE 10 FACTS RECOMMEND *Sanymetal Cubicles*

1. All Metal—high grade furniture steel—extremely sanitary and fire-proof.
2. Conserve time and energy of doctor and nurse when attending patients.
3. Interchangeable units . . . quickly installed . . . easily rearranged when necessary.
4. Facilitate the control of cross infection.
5. Rigid, rattle-proof installation.
6. Permit adequate ventilation without draft.
7. Provide desirable semi-privacy for patients.
8. Make ward space more desirable and profitable.
9. Layouts submitted without obligation.
10. Expert erection service based on years of specialized hospital experience.

Are Adaptable to Every Arrangement and Requirement

Sanymetal Hospital Cubicles are readily adaptable to use in open wards, maternity wards, surgical and examination wards, children's wards and are widely used as waiting booths in hospitals, out-patient departments and in clinics, to mention a few of the numerous ways hospitals have utilized Sanymetal Hospital Cubicles and Partitions.

The semi-seclusion created by using Sanymetal Hospital Cubicles has increased the satisfaction of patients, the prestige and income of hospitals. This quiet privacy considerably facilitates the work of the hospital staff because patients readily accede to treatment they formerly resisted because of embarrassment. Sanymetal Hospital Cubicles also aid in facilitating segregation according to condition and ailment, permit cross ventilation without draft, lessen irritation, tend to promote orderliness and quiet, isolate and retard spread of contagious diseases.

Materials, Construction and Finish: Sanymetal Hospital Cubicles, Screens and Partitions are constructed of high grade furniture steel with finest baked-on enamel finish. They are easily cleaned, highly sanitary, fire-resisting. Rigid inter-locking design insures sub-

stantial construction when erected. Furnished in standard units, they are adaptable to any space, easily installed and lend themselves to rearrangement at any time. The hospital maintenance staff can install or rearrange Sanymetal Hospital

Cubicles so simplified is their construction.

The panels of Sanymetal Flush Type Hospital Cubicles are 1 inch thick; formed of two sheets of full cold rolled stretcher leveled full finish steel, assembled over and cemented under pressure to a $\frac{3}{8}$ -inch thick sound deadening fiber core. The two steel face plates have formed edges and are sealed together with continuous drawn locking strips. This assembly is entirely free of open seams and exposed edges. It provides a uniform rigidity and strength over the entire area of the panel. Panels fit snugly into channels in supporting posts and are secured with metal screws, eliminating all possibility of loose connections. Assembly is extremely rigid, and exceedingly desirable. Sanymetal has served the specialized demands of hospitals for many years. Sanymetal Cubicles and Partitions are easy and economical to install. . . readily lend themselves to rearrangement when necessary . . . are modern and suitable in appearance . . . sanitary . . . unmatched for durability. For further information see nearest Sanymetal representative or write for special brochure describing all types of Sanymetal Cubicles in detail.

A Specialized ENGINEERING SERVICE



READY TO SERVE YOU



It is now possible for you to achieve as new and original treatments in toilet room environments as is possible for other interiors. Authoritative suggestions are now available from a source most willing and eager to develop new ideas and suggestions.

For over twenty years now, Sanymetal has been receiving inquiries by the hundreds from architects, engineers and contractors regarding the suitability of this or that type of toilet partition and this or that suggested arrangement or layout for toilet rooms, shower rooms, and locker rooms. Naturally in responding to these requests, Sanymetal's engineers and craftsmen were the first to detect the need for and apply successfully the merits of porcelain enamelled metal in the manufacture of toilet partitions and wainscot panels in a manner which is promoting a renaissance in toilet room environment.

The range of types of Sanymetal partitions for toilet rooms, shower rooms and locker rooms presented in this catalog is visible evidence of how Sanymetal engineers and craftsmen have been encouraged by the many ideas presented by architects and engineers to originate and offer practical improvements that have removed restrictions to creative talent.

Technical Service: Out of an experience extending over twenty years during which Sanymetal has participated in well over 40,000 toilet room installations, Sanymetal offers a technical service to architects and engineers for the purpose of laying out difficult toilet room installations for every type of building.

The purpose of this service is to facilitate the laying out of installations and in no way encroaches upon the exercise of creative talent by architects in developing modernity and elegance in toilet room environment. From thousands of blueprints

on file this phase of Sanymetal service may be used to reduce time. Requests for technical service should state the size of the toilet room and the approximate number of compartments contemplated. If possible, also state whether or not installation will be back-to-wall without vent, back-to-wall with vent, back-to-back without vent or back-to-back with vent.

A commendable procedure is to consult the Sanymetal representative in your locality. If that is not possible, then write direct to the factory, at Cleveland, Ohio.

STOCK SIZES OF PARTITIONS AND DOORS

Architects and engineers will realize worthwhile advantages by specifying standard size compartments wherever possible. This practice expedites the fabrication of the units that are to compose the toilet partition installation and reduces installation time. Certain economies are thereby effected.

Standard size compartments are as follows:

Widths: 30, 32, 33, 34, and 36 inches.

Depths: 36, 42, 48, 54, and 60 inches.

Heights of partitions and doors: 54 and 60 inches.

Distance from floor to bottom of partitions and doors: 12 inches.

Distance from top of partitions and doors to headrail: 12 inches.

Over-all heights measured from floor to headrail: 78 to 84 inches, the difference being determined by the height of partitions and doors which are either 54 inches or 60 inches in height.

The foregoing dimensions are standard stock sizes. They are not intended to limit architects and engineers in designing the type of installation most suitable for a particular environment. Sanymetal fabricates special sizes of partitions and doors to meet special conditions and is always ready to willingly cooperate in the fabrication of whatever sizes of partitions and doors may be required for a particular installation.

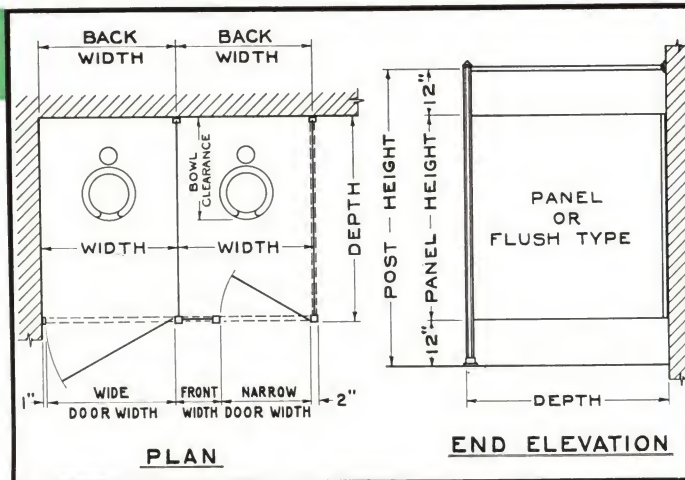


Table of Stock Sizes of Sanymetal Toilet Partition Units

Stock Sizes Compartment Side Panels	Stock Sizes Full Width Doors	Stock Sizes Narrow Door	Stock Sizes "L" Front Panels	Stock Sizes—Back Panels	
				OFF FLOOR	TO FLOOR Note: Height measurements are full height
36 x 54	28 x 54	20 x 54	6 x 54	30 x 54	30 x 66
43 x 54	30 x 54	22 x 54	8 x 54	32 x 54	32 x 66
48 x 54	31 x 54	24 x 54	10 x 54	33 x 54	33 x 66
54 x 54	32 x 54	26 x 54	12 x 54	34 x 54	34 x 66
60 x 54	33 x 54	28 x 54	6 x 60	36 x 54	36 x 66
36 x 60	34 x 54	20 x 60	8 x 60	30 x 60	30 x 72
42 x 60	28 x 60	24 x 60	10 x 60	32 x 60	32 x 72
48 x 60	30 x 60	26 x 60	12 x 60	33 x 60	33 x 72
54 x 60	31 x 60	28 x 60		34 x 60	34 x 72
	32 x 60			36 x 60	36 x 72
	33 x 60				
	34 x 60				

Note: These dimensions also apply to the units used in shower stall installations.

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Sanymetal

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Competent Sales Representatives of recognized standing in their respective territories are located in the following cities. Local telephone or business directories in most cases give name, address, and telephone number of Sanymetal Representative. Whenever necessary to make proper contact with Sanymetal Representative, please wire or write factory at Cleveland, Ohio.

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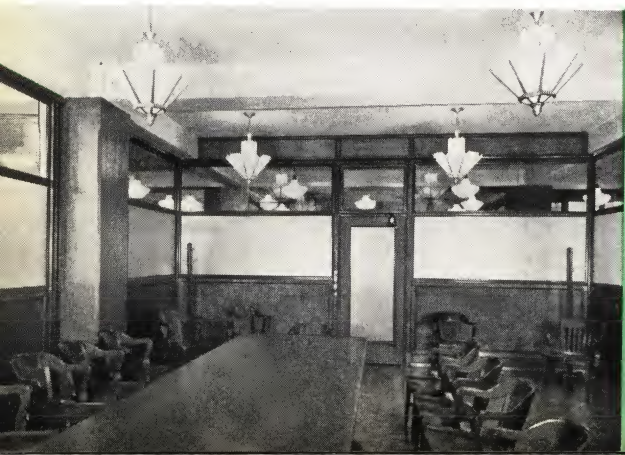
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Illustrating how suitable Sanymetal Office Partitions are for the creation of attractive office environments—Directors' Room of the Indiana-Michigan Electric Company, South Bend, Ind.

Sanymetal Office Partitions can be utilized for practically any arrangement desirable—as for example, at the Shell Petroleum Corporation, Cleveland, Ohio.

